Water Resources Data
Louisiana
Water Year 1984

ORIGINAL

COMPLETED

627

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-84-1

Prepared in cooperation with the Louisiana
Department of Transportation and Development
and with other State and Federal agencies

CALENDAR FOR WATER YEAR 1984

1983

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U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

Water Resources Data Louisiana
Water Year 1984

by D.D. Carlson, G.R. Stallworth, L.J. Dantin, and C.G. Stuart

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT LA-84-1
Prepared in cooperation with the Louisiana
Department of Transportation and Development
and with other State and Federal agencies

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I

UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on the water program in Louisiana write to
District Chief, Water Resources Division
U.S. Geological Survey
P. O. Box 66492
Baton Rouge, LA 70896

1984

II

PREFACE

This volume of the annual hydrologic data report of Louisiana is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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This report was prepared in cooperation with the State of Louisiana and with other agencies under the general supervision of Darwin Knochenmus, District Chief, Louisiana.

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16. Abstract (Limit: 200 words)

Water resources data for the 1984 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report, in one volume, contains records for water discharge at 72 gaging stations (including stage for 71 of these stations); stage only for 40 gaging stations and 11 lakes; water quality for 80 surface-water stations (including 26 gaging stations), 17 miscellaneous sites, 10 lakes, and 145 wells; and water levels for 423 observation wells. Also included are data for 141 crest-stage and flood-profile partial-record stations. Additional water data were collected at various sites not involved in the systematic data-collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

17. Document Analysis a. Descriptors

*Louisiana, *Hydrologic data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.

b. Identifiers/Open-Ended Terms

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INTRODUCTION

Water resources data for the 1984 water year for Louisiana consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of ground water. This report, contains discharge records for 72 gaging stations; stage record for 71 of these gaging stations; stage only for 40 gaging stations; stage only for 11 lakes; water quality for 80 stations (26 of these at gaging stations), 17 miscellaneous sites, 10 lakes, and 145 wells; and water levels for 423 observation wells. Also included are data for 26 crest-stage partial-record stations and 115 flood-profile partial-record stations. Additional water data were collected at various sites, not involved in the systematic data-collection program, and are published as miscellaneous measurements and analysis. These data stations represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Louisiana.

Records of discharge or stage of streams and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a state-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published in official Survey reports on a state-boundary basis. These official Survey reports carry an identification number consisting of the two-letter state abbreviation, and the last two digits of the water year. For example, this report is identified as "U.S. Geological Survey Water-Data Report LA-84-1." Water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on page II or by telephone (504) 389-0281.

COOPERATION

The U.S. Geological Survey and organizations of the State of Louisiana have had cooperative agreements for the systematic collection of streamflow records since 1938, for ground-water levels since 1936, and for water-quality records since 1943. Organizations that assisted in collecting data through joint-funding agreements with the Survey are:

Louisiana Department of Transportation and Development, Robert G. Graves, Secretary: Office of Public Works, Marty J. Chabert, Assistant Secretary, and Office of Highways, Neil L. Wagoner, Assistant Secretary.

Louisiana Department of Natural Resources, B. Jim Porter, Secretary: Office of Conservation, James H. Welsh, Chief of Injection and Mining Division.

Louisiana Department of Environmental Quality, Patricia L. Norton, Secretary: Office of Water Resources, J. Dale Givens, Assistant Secretary.

City of Baton Rouge and Parish of East Baton Rouge, Pat Screen, Mayor-President: Department of Public Works, William B. Howe, Director.

Sabine River Compact Administration, composed of James B. Furch, Jr., Chairman; Marty J. Chabert, Darrell Williamson, and Raymond J. Palmer for Louisiana; David V. Gardner, J. M. Syler, and J. T. McMahon for Texas.

Capital Area Ground Water Conservation Commission, Carl E. Courtney, Chairman.

Assistance in the form of funds or services was provided by the Corps of Engineers, U.S. Army and the National Park Service in collection of records for stage and discharge stations and for water-quality stations published in this report.

Organizations that supplied data are acknowledged in the station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Surface Water

Streamflow throughout the State continued to decrease in October 1983. Average streamflows at all but one index site were significantly below the long-term average discharge for October. Pearl River near Bogalusa had an average discharge of 2,519 ft^3/s and the October long-term average discharge is 2,754 ft^3/s. Rainfall during the middle of November increased, and streamflows reflected this as monthly-average discharges; a number of index sites were above the November long-term average discharge. Bayou Toro near Toro had a monthly-average discharge of 195 ft^3/s compared to the November long-term average discharge, 68.8 ft^3/s; this was the third highest average discharge of record for November (1956-84). Bayou Macon near Delhi monthly-average discharge for November exceeded the long-term average discharge by 95 percent. The monthly-average discharge was 969 ft^3/s, and the long-term average discharge is 494 ft^3/s.

Above average rainfall continued from November into December with Lake Providence in northeastern Louisiana reporting a monthly total rainfall of 13.15 inches. This above average rainfall was reflected in the monthly-average discharge for Bayou Macon near Delhi. The December average discharge at this site was 4,360 ft^3/s compared to the long-term average discharge of 1,031 ft^3/s; this was the highest average discharge of record for December (1936-84). Bayou Toro near Toro recorded an average discharge of 519 ft^3/s compared to the December long-term average discharge of 181 ft^3/s; this was the second highest average discharge of record for December (1956-84). Also, Calcasieu River near Oberlin had an average discharge for December of 3,136 ft^3/s compared to the long-term average discharge of 1,518 ft^3/s; this is the fifth highest average discharge of record for December (1939-84).

Streamflow decreased in January, as precipitation was below normal in most areas of the State. In February, streamflow increased as six cold fronts swept across the State, resulting in above normal rainfall. Big Creek at Pollock had a February monthly-average discharge of 298 ft^3/s compared to the long-term average discharge of 110 ft^3/s. Also, Calcasieu River near Oberlin recorded significant streamflow compared to the long-term average discharge. The monthly-average discharge is 4,685 ft^3/s, and the long-term average discharge is 2,260 ft^3/s.

Monthly-average streamflows continued above their long-term average discharges at most index sites in March. Bayou Macon near Delhi had a monthly-average discharge of 3,008 ft^3/s compared to the long-term average discharge of 1,873 ft^3/s. Also, Saline Bayou near Lucky had a monthly-average discharge of 470 ft^3/s, and the long-term average discharge is 275 ft^3/s; this is the fifth highest monthly-average discharge of record for March (1941-84). Streamflows generally decreased in April. The Mississippi River at Baton Rouge peaked at 37.6 feet (NGVD) on April 22 and 23.

In late May, the Mississippi River streamflow increased and the river reached a stage of 40.4 feet. Streamflows at the index sites did not exceed their long-term average discharges. Rainfall for May was above normal in southwest Louisiana. For example, Kinder reported a rainfall total of 13.52 inches. Elizabeth reported a rainfall total of 11.55 inches (5.57 inches above normal), of which 6.6 inches fell on May 20. Elizabeth reported 5.21 inches of rainfall on June 7. The June rainfall, combined with the previous months excessive rainfall, was reflected in the above normal streamflow in the Calcasieu River basin. The June average discharge for Calcasieu River near Oberlin was 1,542 ft^3/s compared to the long-term average discharge of 659 ft^3/s; this was the sixth highest average discharge for June (1939-84). In other areas of the State, streamflow was below the long-term average discharge. This reflects the extreme variability normally associated with summer rainfall patterns over Louisiana. In July, August, and September, streamflows at the index sites were in the normal range.

In the Mississippi River at New Orleans, dissolved-oxygen concentrations ranged from 5.0 to 13.6 mg/L, water temperatures ranged from 1.5 to 28.5°C, and pH ranged from 6.9 to 8.1 units during the year. All measured values were within the limits of water-quality criteria set by the State of Louisiana for all uses. The criteria are 5.0 mg/L for dissolved oxygen, 32.0°C for temperature, and 6.5 to 9.0 units for pH.

Ground Water

In most parts of northern and central Louisiana, water levels in wells in the Sparta and Miocene aquifers continued to decline during the 1984 water year because of industrial and public-supply pumpage. In some areas, hydrographs show reduced rates of declining trends or slight recovery trends since 1981-82 because of reduced industrial pumpage. Water-level fluctuations for wells in the Wilcox-Carrizo, Cockfield, and alluvial aquifers are mostly seasonal with summer-fall declines and winter-spring rises. Water-levels in wells in the terrace aquifer are affected by long-term excesses and deficiencies of precipitation, and also show seasonal fluctuations. During the 1984 water year, water levels in well G-127B, screened in the terrace aquifer, were mostly higher than water levels in the 1963 through 1979 period.

Water-level trends in wells in the Chicot aquifer of southwestern Louisiana were generally mixed during the 1984 water year. In the rice-growing area, water levels typically ranged from 2 feet lower to 5 feet higher at year end than at the beginning of the water year. Water levels in the Lake Charles industrial area generally showed little change from last year. Water levels in wells in the Evangeline aquifer in St. Landry Parish also showed little change from last year.

In the Baton Rouge area, seasonal highs and lows in most observation wells in the "400-foot" sand were generally 0.5 to 8.0 feet higher during the 1984 water year than at comparable times the previous water year. One observation well in the "400-foot" sand reached a new high of record in July 1984. In the "600-foot" sand, water levels rose 0.2 to 5.8 feet from the beginning to the end of the 1984 water year. Levels in wells screened in the "800-foot" and "1,000-foot" sands continued to rise at the same rate (2-4 feet) this water year as they did during the 1983 water year. In the "1,500-foot" and "1,700-foot" sands, water levels in most observation wells were as much as 9.5 feet higher in fall 1983 than in fall 1982; spring levels in several wells in the "1,500-foot" sand were generally 0.5 to 4.5 feet lower, while spring levels in wells in the "1,700-foot" sand rose 5.0 to 9.5 feet. Due to a decrease in pumping in the industrial area, water-level rises occurred in most observation wells screened in the "1,200-foot", "2,000-foot", "2,400-foot", and, "2,800-foot" sands during the water year. In the "1,200-foot" sand, rises of 0.3 to 4.0 feet were observed from fall 1982 to fall 1983. Water-level rises of 1 to 24 feet occurred in wells in the "2,000-foot" sand, continuing the rising trend of levels in this sand over the past few years. Fall 1983 levels in wells in the "2,400-foot" sand were 3.5 to 18.0 feet higher than at comparable times in 1982. Water levels in most observation wells in the "2,800-foot" sand continued to rise (2.5-4.5 feet) during the 1984 water year, continuing the rising trend of the past 3 to 4 years.

In the Baton Rouge area, saltwater-monitoring wells screened in the "1,500-foot" and "2,000-foot" sands continued to show a very slight increase in the chloride concentrations during the 1984 water year. The chloride concentration for wells monitoring the "600-foot" sand, which is mainly pumped by industry, remained virtually constant over the past year.

In the New Orleans area, water levels in most observation wells in the Gonzales-New Orleans aquifer continued the rising trend that began in 1974. Fall levels in wells were 0.8 to 17.5 feet higher, and spring levels in wells were 0.2 to 4.5 feet higher from the beginning to the end of the 1984 water year. Five observation wells in Jefferson Parish set record highs during the first 7 months of the water year. Declines of 0.2 to 5.0 feet were observed in several wells screened in the Gramercy and Norco aquifers from fall 1982 to fall 1983, but spring 1984 water levels in wells were 0.2 to 7.3 feet higher than at comparable times in 1983. Two observation wells in these sands set record lows, and one observation well set a new record high during the 1984 water year.

In the Florida Parishes, water levels in some observation wells screened in the shallow sands (upper and lower Pontchatoula and Big Branch aquifers) rose 0.6 to 4.8 feet during the 1984 water year. In the intermediate sands (Abita, Covington, Kentwood, Slidell, and Tchefuncta aquifers), water-level rises of 0.5 to 8.5 feet were observed in most observation wells. Water-level trends in wells screened in the deep sands (Amite, Franklinton, Hammond, and Ramsay aquifers) varied during the water year. Fall 1983 water levels in wells located in East Feliciana, Pointe Coupee, St. Tammany, Washington, and West Feliciana Parishes were generally 0.5 to 4.0 feet higher than fall 1982 levels. Key observation wells in St. Helena and Tangipahoa Parishes declined 2.2 to 9.8 feet during this same time period, with three observation wells located in Tangipahoa Parish setting new record lows during fall and winter months of 1983 and 1984. Spring 1984 water levels in most wells located in the Florida Parishes were 0.8 to 2.7 feet lower than at comparable times in 1983. A new record low occurred in one observation well in St. Helena Parish in April 1984.

DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also the table for converting inch-pound units to International System of metric units (SI) on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often grouped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials. NOTE: The letter "K" proceding a value indicates the results are based on colony count outside the ideal range.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterised as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms that produce colonies within 24 hours when incubated at 35°C ± 0.5°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all the organisms that produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on MFC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies with 48 hours at 35°C ± 1.0°C on M-enterrococcus medium (STORET CODE 31679), or on KF agar (STORET CODE 31673). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the unconsolidated material of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by micro-organisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry-mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in g/m^3 (grams per cubic meter), and periphyton and benthic organisms in g/m^2 (grams per square meter).

Dry mass refers to the mass of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as for ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry and ash mass, and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Recoverable from bottom material refers to the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of only readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Total in bottom material is the total amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material".

Cells/volume refers to the number of cells on any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Cfs-day is the volume of water represented by flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons or 2,447 cubic meters.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll *a* and *b* are the two most common pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic feet per second (FT^3/S, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved refers to that material in a representative water sample which passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Diversity index is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = -\sum_{i=1}^{s} \frac{n_i}{n} \log_2 \frac{n_i}{n}$$

Where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Diversity-index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontribution area, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water.

Elutriate is the supernatant resulting from the vigorous 30-minute shaking of 1 part bottom sediment with 4 parts water from the proposed disposal site followed by 1 hour of letting the mixture settle and appropriate filtration or centrifugation.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Hydrologic unit is a geographic area representing part or all of a surface-drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Land-surface datum (LSD) is a datum plane that is approximately at land surface at each well.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per gram (Mg/g) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

Micrograms per kilogram (Mg/kg) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (kilogram) of sediment.

Micrograms per liter (Mg/L) is a unit expressing the concentration of chemical constituents in solution. Micrograms per liter represent the mass of solute per unit volume (liter) of water.

Milligrams per liter (MG/L, mg/L) is a unit expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L, and is based on the mass of sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity, such as an insect, phytoplankter, or zooplankter.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliters (mL) or liters (L). Numbers of planktonic organisms can be expressed in these terms.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle-size is the diameter, in millimeters (mm), of suspended sediment or bed material determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with recommendations made by the American Geophysical Union Subcommittee on Sediment Terminology.

The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay..........	0.00024 - 0.004	Sedimentation.
Silt..........	.004 - .062	Sedimentation.
Sand..........	.062 - 2.0	Sedimentation or sieve.
Gravel........	2.0 - 64.0	Sieve.

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic material is removed and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

Percent composition is a unit expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass or volume.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

Insecticides are substances or a mixture of substances intended to prevent, destroy, or repel insects. The technical names for insecticides determined in this report are:

Aldrin 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo, exo-1,4:5,8-dimethanonaphthalene.

Chlordane 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan.

DDD (combination of ortho and para isomers)

  o,p'-*DDD* 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane.

  p,p'-*DDD* 1,1-dichloro-2,2-bis(p-chlorophenyl)ethane.

DDE (combination of ortho and para isomers)

  o,p'-*DDE* 1,1-dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethylene.

  p,p'-*DDE* 1,1-dichloro-2-bis(p-chlorophenyl)ethylene.

DDT (combination of ortho and para isomers)

  o,p'-*DDT* 1,1,1-trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane.

  p,p'-*DDT* 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane.

Diazinon 0,0-diethyl 0-2-isopropyl-4-methyl-6-pyrimidyl thiophosphate.

Dieldrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,exo-1,4:5,8-dimethanonaphthalene.

Endosulfan 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite.

Endrin 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo,endo-1,4:5,8-dimethanonaphthalene.

Ethion 0,0,0',0'-tetraethyl S,S'methylenediphosphorodithioate.

Heptachlor 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene.

Heptachlor epoxide 1,4,5,6,7,8,8-heptachloro-2,3-epoxy-3a,4,7,7a-tetrahydro-4,7-methanoindan.

Lindane 1,2,3,4,5,6-hexachlorocyclohexane, 99 percent or more of gamma-isomer.

Malathion S-(1,2-dicarbethoxyethyl) 0,0-dimethyldithiophosphate.

Methyl parathion 0,0-dimethyl 0-p-nitrophenyl phosphorothioate.

Methyl trithion phosphorodithioic acid S-[[(4-chlorophenyl) thio]-methyl] 0,0-dimethyl ester.

Methoxychlor 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane.

Mirex 1,1a,2,2,3,3a,4,5,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene.

Parathion 0,0-diethyl 0-p-nitrophenyl phosphorothioate.

Perthane 1,1'-(2,2-dichloroethylidene)bis[4-ethylbenzene].

Toxaphene chlorinated camphene containing 67-69 percent chlorine by weight.

Trithion phosphorodithioic acid S-[[(4-chlorophenyl)thio] methyl] 0,0-diethyl ester.

Herbicides are substances or a mixture of substances intended to control or destroy any vegetation. The technical names for herbicides determined in this report are:

2,4-D (2,4-dichlorophenoxy)acetic acid.

2,4,5-T (2,4,5-trichlorophenoxy)acetic acid.

Silvex 2-(2,4,5-trichlorophenoxy)propionic acid.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.2 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment, and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells/mL of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algal mats or floating "moss" in lakes. Their concentrations are expressed as number of cells/mL of sample.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column, and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated napthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated napthalene compounds having various percentages of chlorine.

Runoff in inches (IN., in.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Suspended-sediment discharge (tons/day) is the rate at which dry weight of sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight or volume, that passes a section in a given time. It is computed by multiplying discharge times mean concentration times 0.0027.

Suspended-sediment load is the quantity of suspended sediment passing a section in a specified period.

Total sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry weight or volume, that passes a section during a given time.

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour period.

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lived.

Natural substrates refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lived.

Artificial substrate is a device which is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplified the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multi-plate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Surface area of a lake is that area outlined on the latest U.S.G.S. topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is that part (0.1 to 0.2 ft) of the bed material that is sampled using U.S.G.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of the total concentration in a water-sediment mixture. The water-sediment mixture is associated with (or sorbed on) that material retained on a 0.45-micrometer membrane filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less that 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analysing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analysing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

Tons per day is the quantity of substance in solution or suspension that passes a stream section during a 24-hour period.

Total refers to the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determines all of the constituent in the sample.)

Total load (tons) is the total quantity of any individual constituent, as measured by dry mass or volume, that is dissolved in a specific amount of water (discharge) during a given time. It is computed by multiplying the total discharge, times the mean concentration of the constituent, times the factor 0.0027, times the number of days.

Total recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata is the following:

Kingdom	Animal
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	Hexagenia
Species	Hexagenia limbata

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to State annual basic-data reports published before 1975; since 1975, abbreviated as WDR (Water-Data Report).

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8 to 14-digit number for each station such as 02489500000000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6 to 12-digit downstream order number "489500000000". Records in this report, in two volumes, are in Part 2 (South Atlantic Slope and Eastern Gulf of Mexico basin), Part 7 (Lower Mississippi River basin) and Part 8 (Western Gulf of Mexico basin).

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The 8 to 14-digit downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits (assigned sequentially) identify the wells or other sites within a 1-second grid. See figure 1, following. In Louisiana, wells are further identified by a local well number that consists of a letter code that identifies the parish (county) in which the well is located, followed by a serial number assigned when the well was inventoried.

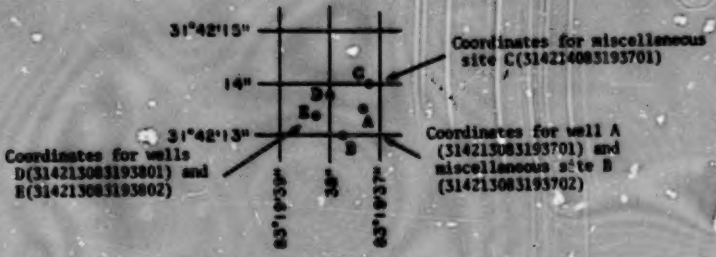
31°42'15"
Coordinates for miscellaneous site C(314214083193701)
C
14"
D
E
A
31°42'13"
B
Coordinates for wells D(314213083193801) and E(314213083193802)
Coordinates for well A (314213083193701) and miscellaneous site B (314213083193702)
83°19'39"
38"
83°19'37"

Figure 1. System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

National stream-quality accounting network (NASQAN) is a data-collection network designated by the U.S. Geological Survey to meet many of the demands of agencies or groups involved in national or regional water-quality planning and management. Both accounting and broad-scale monitoring objectives have been incorporated into the network design. Areal configuration of the network is based on river-basin accounting units (identified by 8-digit hydrologic-unit numbers) designated by the Office of Water Data Coordination in consultation with the Water Resources Council. Primary objectives of the network are (1) to depict areal variability of streamflow and water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in streamflow and stream quality.

Pesticide program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

Radiochemical program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States.

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and Computation of Data

The base data collected at gaging stations consist of records of stage and measurements of discharge for streams or canals; and stage, surface area, and contents for lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph or a tape punched at selected time intervals of the stage fluctuations . Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in the U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, computation of flow over dams or weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharge are computed from the daily figures. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

For a reservoir station, capacity tables giving the contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly change in contents is computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some gaging stations, there are periods when no gage-height record is obtained or the recorded gage height is so faulty that it cannot be used to compute daily mean discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records for other stations in the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily mean discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from the most accurate maps available. River milage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which the figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revisions, the fact is brought out by notations after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of report.

The type of gage currently in use, the datum of the present gage referred to National Geodetic Vertical Datum, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE". National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS."

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow at the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than five complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. Under "EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with "EXTREMES FOR THE CURRENT YEAR"; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily mean discharges, respectively, for the month. Discharge for the month also may by expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the discharges for the calendar and water years.

Footnotes to the table of daily mean discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage-relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs, a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first is a table of annual maximum stage and discharge at crest-stage stations, the second is a table of discharge measurements at miscellaneous sites, and the third is a table of peak elevations at flood-profile partial-record stations.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily mean discharges are within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily mean discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effect of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also, most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

Records of Discharge Collected by Agencies other than the Geological Survey

Records of discharge not published by the Geological Survey were collected during the water year at sites in Louisiana by the Corps of Engineers, U.S. Army. The National Water Data Exchange, Water Resources Division, U.S. Geological Survey, National Center, Reston, VA 22092, maintains an index of such sites. Information on records available at specific sites can be obtained upon request.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analyses usually are collected at or near gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives periods of record for the various types of water-quality data (chemical, specific conductance, water temperatures, sediment discharge), extremes of pertinent data, and general remarks.

REVISIONS--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, date of sampling, and geologic unit (aquifer) are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" listed on a following page.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of alkalinity in the laboratory.

For chemical-quality stations equipped with digital recorders and monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharge.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers or point samplers. Samples usually are obtained along several vertical lines in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided day method. For periods when no samples were collected, daily loads of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of the quantities of suspended sediment, records of the periodic measurements for the particle-size distribution of the suspended sediment and bed material are included.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Collection of the Data

Ground-water-level data from the State network of observation wells are published herein. This basic network contains observation wells so located that significant areal data are obtained from the most important aquifers.

Each well is identified by (1) a 15-digit number that is based on latitude and longitude and (2) a local well number that identifies the well within an individual parish (county). See figure 1.

Measurements are made in many types of wells, under varying conditions of access, depth to water, temperature; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Water-level measurements in this report are given in feet with reference to land-surface datum (LSD). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical Datum of 1929 (NGVD) is given in the well description. Altitudes with zeros in the tenths and hundredths columns are interpolated from topographic maps and are generally accurate only to about 1-5 feet. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equiped with recording gages are reported for every fifth day, the end of each month, and for dates when check measurements were made.

Water levels are reported to as many signifigant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or to the nearest foot. In the computer format used in this report, zeros shown in the hundredths column generally indicate measurements accurate only to tenths.

ACCESS TO WATSTORE DATA

The National WATer Data STOrage and REtrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Virginia.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from each of the Water Resources Division's district offices (see address given on the back of the title page).

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-seven manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 604 South Pickett St., Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations".

1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages.
3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
3-A8. *Discharge measurements at gaging stations*, by J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.
3-A9. *Measurement of time of travel and dispersion in streams by dye tracing*, by E. F. Hubbard, F. A. Kilpatrick, L. A. Martens, and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1982. 44 pages.
3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.
3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.
3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.
5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.
5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.
5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.
5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
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8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages
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PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., Washington Parish, Hydrologic Unit 03180004, near right bank on downstream side of bridge on State Highway 10, 2.0 mi east of Bogalusa, and 2.0 mi upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,573 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WDR LA-1981-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--Water-discharge records good.

AVERAGE DISCHARGE.--46 years, 9,904 ft^3/s, 20.46 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129,000 ft^3/s Apr. 24, 1979, gage height, 23.23 ft; minimum, 1,020 ft^3/s Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft Oct. 30, 31, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 11, 1938, reached a stage of 21.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 41,300 ft^3/s Mar. 11, gage height, 19.90 ft; minimum discharge, 1,790 ft^3/s Sept. 30, gage height, 7.39 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2890	2150	15400	35400	15600	23100	11800	7020	3740	3160	3490	2970
2	2850	2210	15000	34700	14900	20100	11900	6620	3390	3620	4110	2750
3	2810	2300	14200	32400	14400	18000	12700	6220	3170	3610	4110	2670
4	2780	2340	14100	30000	14500	16600	15200	6820	3000	3350	4060	2930
5	2740	2390	13900	27600	13400	17300	17000	10100	2880	2870	5600	3580
6	2700	2430	14700	26000	11700	21600	18300	12900	2810	2650	6080	3870
7	2670	2420	16700	24400	10400	28200	18600	14100	2770	2480	4620	3140
8	2630	2360	16600	22500	9270	33400	18500	14900	2720	2620	4340	2720
9	2600	2290	15900	20300	8250	37700	26300	15100	2650	2920	4950	2520
10	2560	2260	15300	18700	8570	40500	31400	15500	2610	2940	4960	2440
11	2730	2210	15600	17600	10200	41300	30600	16100	2580	2830	5890	2430
12	2590	2170	17900	15500	9550	40200	25500	16800	2560	2790	5080	2370
13	2860	2180	19700	14400	11600	38100	22300	17200	2510	2610	4430	2300
14	2850	2300	22000	13500	15000	36300	20100	17200	2500	3190	4550	2220
15	2680	2540	24000	13200	19700	34300	17900	16400	2580	4150	5470	2150
16	2570	2790	25000	13200	24700	32100	15900	14800	2590	4100	6720	2090
17	2480	2880	26000	13800	28000	30000	13800	13200	2530	3850	7530	2060
18	2440	2810	26200	14100	29600	27100	11700	11800	2530	4270	6340	2000
19	2390	2770	26000	15600	30400	22200	10000	10200	2480	4090	4990	1960
20	2340	3160	25100	16500	31400	17800	8450	7970	2400	3480	4200	1940
21	2310	4230	23600	17200	32100	15500	7250	6390	2370	3020	3820	1910
22	2250	4570	22000	16400	32300	13000	6460	6310	2410	2670	3640	1900
23	2220	4750	20300	14100	31600	11100	7210	7730	2480	2630	3610	1910
24	2240	6060	20100	12400	29900	10600	7910	8260	2670	2950	3540	1920
25	2270	9770	21000	12100	27100	11200	7090	7330	2880	3360	3470	1920
26	2310	13200	19200	13100	23900	14000	5800	6060	3610	3300	3620	1910
27	2360	14600	16800	14700	27200	17700	5020	5050	3760	3380	3670	1890
28	2360	15000	19200	16000	27600	17800	5380	4440	3250	3240	3450	1880
29	2260	15400	29100	16300	24700	15400	5900	4020	2960	3030	3300	1860
30	2190	15500	34200	16200	---	13100	6720	4000	2810	4050	3300	1800
31	2150	---	35400	16000	---	12200	---	4030	---	3730	3260	---
TOTAL	78080	152040	640200	583900	587540	727500	422690	314570	84200	100940	140200	70010
MEAN	2519	5068	20650	18840	20260	23470	14090	10150	2807	3256	4523	2334
MAX	2890	15500	35400	35400	32300	41300	31400	17200	3760	4270	7530	3870
MIN	2150	2150	13900	12100	8250	10600	5020	4000	2370	2480	3260	1800
CFSM	.38	.77	3.14	2.87	3.08	3.57	2.14	1.54	.43	.50	.69	.36
IN.	.44	.86	3.62	3.30	3.33	4.12	2.39	1.78	.48	.57	.79	.40

CAL YR 1983	TOTAL	7702430	MEAN	21100	MAX	109000	MIN	2150	CFSM 3.21	IN.	43.59
WTR YR 1984	TOTAL	3901870	MEAN	10660	MAX	41300	MIN	1800	CFSM 1.62	IN.	22.08

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02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.63	8.20	17.08	19.50	17.13	18.46	15.74	13.08	10.41	9.46	9.92	9.23
2	8.60	8.29	16.94	19.45	16.92	18.14	15.77	12.82	10.02	10.04	10.56	8.91
3	8.57	8.43	16.69	19.28	16.77	17.78	16.14	12.55	9.69	10.03	10.56	8.79
4	8.55	8.50	16.65	19.09	16.78	17.45	17.01	12.95	9.45	9.73	10.51	9.16
5	8.53	8.57	16.59	18.89	16.43	17.63	17.54	14.82	9.26	9.03	11.95	10.05
6	8.50	8.63	16.86	18.74	15.68	18.31	17.86	16.19	9.16	8.71	12.28	10.34
7	8.48	8.62	17.48	18.59	15.00	18.94	17.93	16.66	9.08	8.45	11.03	9.47
8	8.45	8.53	17.45	18.40	14.38	19.36	17.98	16.93	9.00	8.67	10.76	8.86
9	8.42	8.43	17.22	18.16	13.82	19.66	18.77	16.99	8.90	9.11	11.35	8.56
10	8.38	8.37	17.04	17.96	14.00	19.85	19.20	17.10	8.83	9.14	11.36	8.45
11	8.67	8.30	17.14	17.59	14.90	19.90	19.14	17.30	8.78	8.90	12.15	8.43
12	8.49	8.23	17.76	17.10	14.53	19.83	18.70	17.50	8.73	8.92	11.48	8.33
13	8.92	8.25	18.10	16.75	15.64	19.69	18.38	17.60	8.65	8.67	10.85	8.22
14	8.92	8.43	18.35	16.46	16.95	19.57	18.14	17.60	8.63	9.50	10.98	8.10
15	8.71	8.79	18.55	16.35	18.09	19.42	17.77	17.37	8.74	10.58	11.85	7.98
16	8.57	9.16	18.65	16.35	18.62	19.26	17.24	16.89	8.75	10.54	12.71	7.88
17	8.46	9.30	18.74	16.56	18.92	19.09	16.57	16.33	8.65	10.28	13.24	7.83
18	8.42	9.19	18.76	16.66	19.06	18.84	15.68	15.71	8.64	10.69	12.48	7.74
19	8.38	9.13	18.74	17.13	19.12	18.37	14.77	14.88	8.55	10.53	11.40	7.67
20	8.33	9.70	18.66	17.42	19.20	17.74	13.93	13.66	8.44	9.90	10.68	7.64
21	8.31	10.85	18.51	17.60	19.26	17.11	13.23	12.66	8.38	9.25	10.28	7.59
22	8.25	11.18	18.35	17.37	19.27	16.25	12.71	12.61	8.43	8.76	10.10	7.57
23	8.24	11.35	18.16	16.67	19.22	15.40	13.20	13.52	8.53	8.70	10.07	7.58
24	8.29	12.62	18.14	16.00	19.08	15.07	13.63	13.83	8.81	9.16	10.00	7.60
25	8.36	14.66	18.24	15.85	18.84	15.46	13.12	13.28	9.10	9.76	9.92	7.60
26	8.45	16.32	18.03	16.27	18.54	16.64	12.26	12.44	10.08	9.88	10.08	7.58
27	8.53	16.82	17.51	16.85	18.85	17.71	11.60	11.63	10.22	9.79	10.13	7.55
28	8.53	16.94	17.92	17.27	18.89	17.74	11.94	11.05	9.61	9.59	9.90	7.53
29	8.37	17.07	19.08	17.35	18.62	17.08	12.33	10.67	9.18	9.28	9.69	7.50
30	8.26	17.10	19.42	17.33	---	16.29	12.08	10.66	8.97	10.50	9.71	7.41
31	8.20	---	19.50	17.26	---	15.88	---	10.68	---	10.17	9.65	---
MAX	8.92	17.10	19.50	19.50	19.27	19.90	19.20	17.60	10.41	10.69	13.24	10.34
MIN	8.20	8.20	16.59	15.85	13.82	15.07	11.60	10.66	8.38	8.45	9.65	7.41

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1952-53, 1963 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981.
pH: June 1975 to October 1980.
WATER TEMPERATURES: November 1962 to September 1970, June 1975 to October 1980, April 1981 to September 1981.
DISSOLVED OXYGEN: June 1975 to October 1980.
SUSPENDED-SEDIMENT CONCENTRATIONS: April 1967 to current year.
SUSPENDED-SEDIMENT DISCHARGE: April 1967 to current year.

INSTRUMENTATION.--Water-quality monitor June 1975 to October 1980.

REMARKS.--Suspended-sediment data, sieve diameter, percent finer than 0.062 MM are instantaneous values.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 180 micromhos Sept. 10, 1965; minimum, 17 micromhos Apr. 26, 1979.
pH: Maximum, 8.4 units Oct. 19, 21, 1976; minimum, 5.4 units Jan. 23, 24, 1977, Jan. 18-20, 1980.
WATER TEMPERATURES: Maximum daily, 35.0°C July 23, 1981; minimum daily, 1.5°C Dec. 21, 1963.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L Oct. 22, Dec. 1, 1976; minimum, 2.9 mg/L May 25, 1977.
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 522 mg/L Dec. 17, 1967; minimum daily mean, 2 mg/L Nov. 11-13, 1969, Oct. 15, 17, Nov. 14, 1971, Oct. 15-21, Nov. 3-5, 1972.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 80,600 tons Apr. 8, 1983; minimum daily, 7 tons Nov. 11-13, 1969.

EXTREMES FOR CURRENT YEAR.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 356 mg/L Feb. 15; minimum daily mean, 23 mg/L June 21.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily mean, 32,200 tons Dec. 30; minimum daily mean, 147 tons June 21.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 26...	1030	2770	83	7.0	19.0	15	17	9.6	2.1	K35	580
JAN 26...	1125	13100	60	5.8	8.0	60	30	11.2	1.6	160	570
APR 18...	1100	11700	59	7.0	18.0	50	17	8.4	1.7	42	K44
JUL 25...	1130	3770	86	7.2	28.0	15	20	8.2	2.2	160	370

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 26...	13	3.7	1.0	9.9	1.5	18	10	7.4	.1
JAN 26...	13	3.2	1.1	5.1	3.1	10	8.6	5.7	<.1
APR 18...	13	3.4	1.1	4.8	1.4	13	6.7	4.5	<.1
JUL 25...	14	3.9	1.1	9.5	2.2	18	10	7.0	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 26...	8.6	58	53	<.10	.12	.8	.05	.02	<.01
JAN 26...	8.7	42	38	.16	.10	1.8	.11	.03	.03
APR 18...	7.3	--	38	.19	.02	1.9	.07	.03	.01
JUL 25...	6.0	59	51	.12	.09	1.6	.09	--	.02

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 26...	10	1	24	<.5	<1	<1	<3	2	140	3
JAN 26...	60	1	36	<.5	<1	<1	<3	25	250	2
APR 18...	50	1	31	<.5	<1	2	<3	1	460	3
JUL 25...	30	<1	27	1	<1	<1	<3	11	100	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 26...	<4	56	<.1	<10	1	<1	<1	34	<6	13
JAN 26...	<4	53	<.1	<10	25	<1	<1	26	<6	10
APR 18...	<4	26	.2	<10	1	<1	<1	29	<6	4
JUL 25...	<4	5	.4	<10	4	<1	<1	36	<6	18

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
JAN 26...	59	2090	78
APR 18...	60	1900	93
JUL 25...	76	774	86

< Actual value is known to be less than the value shown.

02489500 PEARL RIVER NEAR BOGALUSA, LA--Continued

SUSPENDED-SEDIMENT, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)	MEAN CONCEN-TRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	40	312	37	215	142	5900	208	17400	65	2740	171	10700
2	41	315	37	221	127	5140	164	15400	52	2090	161	8740
3	42	319	38	236	117	4490	138	12100	51	1980	122	5930
4	42	315	42	265	106	4040	126	10200	54	2110	88	3940
5	44	326	38	245	104	3900	113	8420	44	1580	100	4670
6	48	350	36	236	E 130	5160	102	7160	38	1200	176	10300
7	46	332	35	222	150	6780	99	5930	39	1180	302	23100
8	45	320	34	217	116	5200	89	5410	50	1270	282	25400
9	43	302	33	204	E 124	5320	94	5150	48	1110	237	24100
10	43	297	32	195	123	5080	64	3230	74	1760	178	19500
11	47	346	29	173	139	5850	56	2660	76	2110	148	16500
12	47	329	31	183	170	8220	52	2180	50	1300	134	14500
13	52	402	32	188	206	11000	55	2140	94	3940	120	12300
14	52	400	32	199	240	14300	78	2840	176	7130	110	10800
15	46	333	34	233	225	14600	108	3880	356	19100	112	10400
16	44	305	39	294	197	13300	88	3140	262	17400	113	9790
17	43	288	39	303	172	12100	71	2650	200	15100	112	9070
18	38	250	30	228	E 148	10500	62	2360	189	15100	98	7170
19	47	303	30	224	120	8420	70	2950	216	17700	100	5990
20	45	284	38	324	98	6640	80	3560	210	17000	105	5050
21	45	281	50	572	90	5730	88	4090	190	16500	92	3850
22	42	255	54	672	98	5820	85	3760	160	14000	79	2770
23	42	252	58	752	E 107	5860	57	2170	E 148	12600	75	2250
24	42	254	89	1560	102	5540	56	1870	128	10300	54	1550
25	42	257	162	4420	98	5560	56	1830	80	5850	66	2000
26	42	262	289	10300	84	4350	62	2190	106	6840	123	4650
27	45	287	256	10100	64	2910	80	3180	152	11200	185	8830
28	42	268	180	7290	234	12500	113	4880	178	13300	110	5290
29	36	220	163	6780	333	16200	106	4670	172	11500	82	3410
30	37	219	161	6740	316	32200	90	3940	---	---	66	2330
31	35	203	---	---	262	20600	82	3540	---	---	58	1910
TOTAL	---	9186	---	53790	---	291210	---	154850	---	234720	---	276790
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	54	1720	49	954	36	364	50	427	50	471	62	497
2	50	1610	52	955	33	302	72	704	61	677	55	408
3	58	1990	40	824	30	257	64	624	66	732	64	461
4	102	4190	60	1130	30	243	56	507	81	888	65	514
5	148	6800	119	3250	30	233	50	387	84	1270	69	667
6	164	8100	146	5090	32	243	52	372	49	804	88	920
7	120	6030	158	6020	31	232	42	281	48	599	72	610
8	129	6530	164	6600	31	228	43	304	42	492	59	433
9	229	16300	129	5260	32	229	41	323	54	722	52	354
10	200	17000	127	5310	28	197	45	357	60	804	46	303
11	132	10900	123	5350	32	223	37	283	76	1210	40	261
12	106	7300	117	5310	35	242	36	271	62	850	36	229
13	100	6020	123	5710	33	224	36	254	62	742	39	240
14	92	4990	114	5290	34	229	61	525	64	786	36	215
15	82	3960	97	4300	38	265	80	896	76	1120	38	219
16	68	2920	74	2960	35	245	78	863	90	1630	34	190
17	53	1970	68	2420	32	219	78	811	122	2480	34	187
18	56	1770	60	1910	28	191	80	922	96	1640	43	230
19	64	1750	60	1650	26	174	86	950	65	876	44	230
20	64	1500	49	1090	25	162	78	733	57	646	40	207
21	64	1290	54	952	23	147	68	554	54	557	39	199
22	55	985	85	1480	28	182	60	433	46	452	37	188
23	56	1120	74	1590	34	228	64	454	49	478	32	162
24	56	1240	80	1840	32	231	76	605	56	535	34	174
25	49	963	52	1060	33	257	66	599	64	600	38	194
26	44	703	52	870	53	517	52	463	72	704	36	183
27	40	548	46	633	54	548	62	566	72	713	40	201
28	43	633	42	506	45	395	52	455	56	522	41	204
29	46	749	40	435	34	272	45	368	57	508	36	177
30	42	781	39	422	35	286	79	864	60	535	32	153
31	---	---	39	425	---	---	64	645	59	519	---	---
TOTAL	---	122362	---	81596	---	7745	---	16800	---	25562	---	9210

TOTAL LOAD FOR YEAR: 1283821 TONS.

E Estimated.

02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA

LOCATION.--Lat 30°46'36", long 89°52'24", in SE1/4SE1/4 sec. 15, T.3 S., R.13 E., St. Helena meridian, Washington Parish, Hydrologic Unit 03180004, near center of span on downstream side of bridge on State Highway 439, at Bogalusa, 0.3 mi upstream from Ice Water Branch, 0.9 mi downstream from Adams Creek, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--72.7 mi².

PERIOD OF RECORD.--October 1963 to current year.

REVISED RECORDS.--WRD LA-1974: 1964(P), 1965-66(M), 1967(P), 1969-72(M), 1973(P).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 76.60 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. No gage-height record for the period Aug. 16 to Sept. 18.

AVERAGE DISCHARGE.--21 years, 110 ft³/s, 22.04 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,350 ft³/s Apr. 7, 1983, gage height, 13.60 ft, from floodmark, from rating curve extended above 6,700 ft³/s on basis of contracted-opening measurement at gage height 13.80 ft; minimum, 9.0 ft³/s Oct. 27, 28, 1967, gage height, 3.54 ft, affected by temporary regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 14, 1961, reached a stage of about 13 ft, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,400 ft³/s, Feb. 27, gage height, 6.27 ft, no peak above base of 1,500 ft³/s; minimum discharge, 15 ft³/s May 19, 20, gage height 3.67 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	39	63	153	90	227	83	46	21	33	135	120
2	37	39	59	133	87	188	82	46	20	30	122	100
3	37	39	62	120	107	157	107	43	20	28	253	90
4	35	40	213	110	169	140	123	44	19	26	469	110
5	37	46	182	103	128	159	92	45	19	26	391	300
6	37	56	160	90	99	245	79	38	20	29	306	200
7	36	48	264	93	87	178	72	37	20	28	358	130
8	35	44	157	91	80	133	245	36	20	48	573	96
9	34	43	102	89	78	117	954	47	20	33	437	78
10	33	42	84	149	439	189	430	42	19	28	371	70
11	43	40	234	178	380	106	214	34	19	27	294	64
12	64	39	355	120	292	105	152	30	21	25	366	58
13	95	39	210	100	494	116	125	28	22	28	487	56
14	67	41	154	99	339	113	106	27	20	38	436	52
15	48	45	130	111	210	102	94	26	21	82	389	50
16	43	63	101	148	259	96	87	23	26	126	400	48
17	41	55	90	136	344	93	80	22	29	200	280	46
18	41	46	91	188	229	90	74	20	31	382	208	44
19	41	45	83	283	170	93	70	18	31	111	250	43
20	40	157	78	211	176	366	65	17	30	65	180	42
21	39	232	74	152	176	320	62	37	34	53	140	41
22	40	98	86	131	154	162	61	151	31	45	130	42
23	43	76	101	118	129	125	59	244	35	46	120	45
24	43	185	81	151	111	112	55	82	46	66	140	48
25	42	141	71	222	102	126	52	39	112	77	220	48
26	39	80	66	201	141	111	50	32	97	74	180	46
27	41	69	78	149	1250	103	53	29	40	85	150	42
28	39	100	572	126	761	103	55	29	33	78	130	40
29	39	98	804	113	341	96	54	26	44	105	150	39
30	39	71	338	106	---	87	46	24	45	189	240	37
31	39	---	197	96	---	85	---	22	---	161	170	---
TOTAL	1324	2156	5340	4279	7432	4344	3890	1304	955	2372	8367	2223
MEAN	42.7	71.9	172	138	256	140	130	44.6	32.2	76.5	270	74.1
MAX	95	232	804	283	1250	366	954	244	112	382	573	300
MIN	33	39	59	89	78	85	46	17	19	25	120	37
CFSM	.59	.99	2.37	1.90	3.52	1.93	1.79	.61	.44	1.05	3.71	1.02
IN.	.68	1.10	2.73	2.19	3.80	2.22	1.99	.71	.49	1.21	4.28	1.14

CAL YR 1983 TOTAL 58175 MEAN 159 MAX 7320 MIN 33 CFSM 2.19 IN. 29.77
WTR YR 1984 TOTAL 44076 MEAN 120 MAX 1250 MIN 17 CFSM 1.65 IN. 22.55

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02490105 BOGUE LUSA CREEK AT STATE HIGHWAY 439, AT BOGALUSA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.80	3.80	3.88	4.16	3.98	4.37	3.96	3.83	3.70	3.78	4.14	---
2	3.80	3.80	3.87	4.10	3.97	4.26	3.96	3.83	3.70	3.76	4.10	---
3	3.80	3.80	3.89	4.06	4.03	4.20	4.04	3.82	3.70	3.75	4.37	---
4	3.79	3.80	4.30	4.04	4.20	4.16	4.08	3.82	3.69	3.76	4.81	---
5	3.80	3.83	4.23	4.02	4.10	4.20	3.99	3.83	3.69	3.76	4.87	---
6	3.80	3.87	4.18	4.00	4.01	4.41	3.95	3.80	3.71	3.77	4.52	---
7	3.79	3.84	4.42	3.99	3.98	4.26	3.93	3.79	3.71	3.77	4.60	---
8	3.79	3.82	4.17	3.97	3.96	4.14	4.28	3.79	3.71	3.86	4.97	---
9	3.79	3.82	4.02	3.96	3.95	4.10	5.56	3.83	3.71	3.79	4.75	---
10	3.78	3.81	3.97	4.13	4.69	4.07	4.74	3.81	3.70	3.77	4.64	---
11	3.83	3.80	4.33	4.21	4.67	4.05	4.31	3.78	3.70	3.76	4.50	---
12	3.91	3.80	4.60	4.05	4.47	4.05	4.16	3.75	3.71	3.75	4.44	---
13	4.02	3.80	4.30	4.00	4.84	4.08	4.09	3.75	3.72	3.76	4.83	---
14	3.92	3.81	4.17	3.99	4.58	4.08	4.03	3.74	3.71	3.82	4.75	---
15	3.85	3.83	4.10	4.03	4.31	4.04	4.00	3.73	3.72	3.98	4.67	---
16	3.83	3.90	4.02	4.13	4.42	4.02	3.97	3.72	3.75	4.12	---	---
17	3.82	3.87	3.98	4.10	4.59	4.01	3.95	3.71	3.76	4.31	---	---
18	3.82	3.83	3.98	4.22	4.36	4.00	3.93	3.70	3.77	4.65	---	---
19	3.82	3.83	3.95	4.45	4.23	4.01	3.92	3.69	3.77	4.08	---	3.82
20	3.81	4.16	3.93	4.28	4.24	4.62	3.90	3.68	3.77	3.93	---	3.81
21	3.81	4.36	3.92	4.14	4.24	4.52	3.89	3.79	3.79	3.88	---	3.81
22	3.81	4.02	3.96	4.09	4.19	4.20	3.88	4.12	3.77	3.85	---	3.81
23	3.83	3.95	4.01	4.06	4.12	4.19	3.88	4.37	3.79	3.85	---	3.83
24	3.83	4.25	3.94	4.15	4.08	4.06	3.86	3.96	3.84	3.93	---	3.84
25	3.82	4.14	3.91	4.32	4.05	4.10	3.85	3.80	4.06	3.96	---	3.84
26	3.81	3.96	3.89	4.27	4.12	4.07	3.84	3.77	4.02	3.95	---	3.83
27	3.81	3.91	3.93	4.14	6.02	4.03	3.85	3.75	3.81	3.99	---	3.82
28	3.80	4.02	4.95	4.08	5.26	4.03	3.86	3.75	3.78	3.96	---	3.81
29	3.80	4.01	5.33	4.05	4.59	4.01	3.86	3.74	3.83	4.04	---	3.80
30	3.80	3.92	4.35	4.02	---	3.98	3.83	3.72	3.84	4.27	---	3.79
31	3.80	---	4.26	4.00	---	3.97	---	3.71	---	4.20	---	---
MAX	4.02	4.36	5.33	4.45	6.02	4.62	5.56	4.37	4.06	4.65	4.97	---
MIN	3.78	3.80	3.87	3.96	3.95	3.97	3.83	3.68	3.69	3.75	---	3.79

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA

LOCATION.--Lat 30°42'20", long 89°50'51", in lot 40, T.4 S., R.13 E., Washington Parish, Hydrologic Unit 03180004, on right bank, 200 yards upstream from Pools Bluff (low water) sill, and 5.3 mi south of Bogalusa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1971, 1975 to current year.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: June 1975 to 1984 (discontinued).
pH: June 1975 to 1984 (discontinued).
WATER TEMPERATURES: June 1975 to 1984 (discontinued).
DISSOLVED OXYGEN: June 1975 to 1984 (discontinued).

INSTRUMENTATION.--Water-quality monitor since June 1975.

REMARKS.--Flow data available for Pearl River near Bogalusa, La., 10.3 mi upstream (station 02489500).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 176 micromhos Sept. 24, 1981; minimum, 18 micromhos May 20, 1980.
pH: Maximum, 7.9 units May 3, 1978; minimum 4.1 units Dec. 9, 1981.
WATER TEMPERATURES: Maximum, 33.5°C July 22-24, 1981; minimum, 3.0°C Jan. 19, 20, 1977.
DISSOLVED OXYGEN: Maximum, 13.5 mg/L Jan. 13, 1981; minimum, 3.4 mg/L Aug. 2, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 140 micromhos Sept. 26; minimum 22 micromhos Dec. 30, 31, Jan. 1.
pH: Maximum, 7.2 units Oct. 26; minimum, 5.6 units Mar. 16, Aug. 5,6.
WATER TEMPERATURES: Maximum, 31.5 C°June 20-22; minimum 4.0°C Dec. 26.
DISSOLVED OXYGEN: Maximum, 12.5 mg/L Jan. 17; minimum 5.0 mg/L May 27.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 26...	0920	109	6.2	19.5	15	10	8.3	2.3	23
JAN 05...	1100	48	5.3	6.0	60	35	12.0	1.0	88
APR 18...	1015	61	7.0	18.0	60	20	7.7	1.2	52
JUL 25...	1240	110	7.5	28.5	20	15	8.4	3.1	1300

DATE	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 26...	1000	16	4.4	1.1	15	1.7	19	19	7.7
JAN 05...	740	10	2.5	.90	3.8	1.9	8	8.0	4.1
APR 18...	K11	13	3.4	1.0	5.3	1.5	12	7.4	4.6
JUL 25...	720	16	4.4	1.2	12	2.0	20	14	7.4

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 26...	<.1	8.6	75	69	<.1	1.5	.07
JAN 05...	<.1	7.1	40	33	.2	1.1	.10
APR 18...	<.1	7.1	38	37	.2	.7	.08
JUL 25...	<.1	4.2	70	57	<.1	1.0	.09

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 26...	<1	<1	<1	3	2	<1	2	3	160	1600	3

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 26...	<10	70	170	<1.0	.12	30	6	3.8	<.01	<1	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 26...	<1	<.1	<1	<.001	<.1	<.1	<1	<.001	<.1	<.001	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 26...	<.001	<.1	<.01	<.1	<.001	<.1	<.001	<.1	<.001	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 26...	<.01	<.1	<.001	<.1	<.001	<.1	<.001	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 26...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 26...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.5	23.0	19.5	16.0	13.5	13.5	6.5	5.5	9.0	8.0	10.5	9.5
2	25.0	23.0	20.0	18.5	14.5	13.5	6.5	5.5	9.5	8.0	11.0	10.0
3	25.0	23.5	20.5	19.0	15.5	14.5	6.5	5.5	10.0	9.5	12.0	10.5
4	26.0	24.5	21.0	19.5	15.5	15.0	6.0	5.0	10.5	9.5	13.0	12.0
5	26.0	25.0	21.0	20.0	16.0	15.0	6.5	5.5	11.0	10.0	13.0	12.5
6	25.5	24.0	19.5	19.0	---	---	7.0	5.5	10.5	9.5	12.5	11.5
7	25.0	23.5	18.5	18.5	---	---	7.0	6.0	10.0	9.0	12.5	10.5
8	24.5	23.0	18.0	18.0	---	---	7.0	6.0	10.5	9.5	13.5	11.5
9	24.5	23.0	19.0	18.0	---	---	8.0	7.0	11.0	10.0	13.5	12.0
10	23.5	23.0	18.5	17.0	---	---	8.5	7.5	13.0	11.0	13.5	12.0
11	24.0	23.0	17.5	16.0	---	---	7.5	7.0	14.5	13.0	14.5	12.5
12	23.5	22.5	16.0	15.0	---	---	7.5	6.5	15.0	14.5	14.0	13.5
13	22.5	21.5	16.0	14.5	---	---	8.0	7.5	16.0	15.0	15.0	13.0
14	21.5	20.5	17.0	15.5	13.5	12.0	8.5	8.0	15.5	14.5	16.0	14.5
15	21.0	20.0	18.0	17.0	14.0	11.0	8.5	8.5	14.5	14.0	17.0	15.0
16	22.0	20.5	17.5	16.0	13.5	10.5	8.5	8.0	15.0	14.0	18.0	16.5
17	22.5	21.0	16.0	15.0	13.0	10.5	8.5	8.0	15.0	14.5	18.5	17.5
18	23.5	22.0	16.0	14.5	13.5	11.5	8.0	7.5	15.5	14.5	19.5	18.0
19	24.0	22.5	17.0	15.5	11.5	10.0	7.0	6.0	16.0	15.5	20.0	19.0
20	---	---	17.5	16.5	10.0	9.5	6.5	5.5	15.5	14.5	---	---
21	24.0	20.0	17.0	16.0	10.5	9.5	6.0	5.5	14.5	13.5	---	---
22	21.0	20.0	17.5	16.5	10.5	9.5	6.0	5.0	15.0	13.5	17.5	16.5
23	24.0	22.0	18.5	17.5	9.5	8.0	7.0	6.0	15.0	13.0	17.5	16.0
24	22.0	21.0	18.0	16.5	8.0	5.5	8.0	7.0	15.5	13.5	18.5	17.0
25	21.0	20.5	16.5	15.5	5.5	4.5	8.5	8.0	15.0	13.5	19.0	18.0
26	20.5	19.0	16.0	15.0	4.5	4.0	9.0	8.5	15.0	13.5	---	---
27	20.0	18.5	16.5	16.0	6.5	4.5	9.0	8.5	15.0	13.0	18.0	18.0
28	19.5	18.0	16.0	14.5	9.5	6.5	9.5	8.5	12.5	11.0	18.5	18.0
29	19.3	18.0	14.5	13.5	9.5	8.5	9.5	8.5	11.0	10.0	18.5	17.5
30	19.5	18.0	14.0	13.0	8.0	6.5	9.5	9.0	---	---	18.0	16.5
31	19.0	18.0	---	---	6.5	6.0	9.0	8.5	---	---	18.0	16.5
MONTH	26.0	18.0	21.0	13.0	16.0	4.0	9.5	5.0	16.0	8.0	20.0	9.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	18.0	17.0	26.0	25.0	25.0	23.5	28.5	27.0	27.0	26.0	29.5	28.0
2	---	---	25.0	24.5	26.0	23.5	29.0	27.5	26.5	26.0	30.0	28.5
3	18.5	18.0	25.5	24.5	26.5	24.5	30.0	28.5	26.0	24.5	29.0	28.5
4	19.5	18.0	26.5	25.0	27.0	25.0	30.5	29.0	25.0	24.0	---	---
5	19.5	18.5	27.0	25.0	28.0	25.5	31.0	29.0	25.0	24.5	---	---
6	19.0	18.0	27.0	25.5	28.0	26.5	30.5	29.0	25.5	24.5	26.5	25.5
7	19.0	17.0	26.5	26.0	28.0	26.5	31.0	28.5	26.0	25.0	26.0	25.0
8	18.5	17.5	27.0	26.0	28.5	26.5	31.0	29.0	25.0	23.5	26.5	25.0
9	---	---	26.5	23.0	28.5	27.0	31.0	29.0	26.0	24.5	26.5	25.0
10	19.0	17.5	23.5	22.0	29.0	27.0	30.5	30.0	27.5	26.0	27.5	25.5
11	---	---	23.5	22.0	29.0	28.0	31.0	29.0	28.0	27.0	28.0	26.5
12	19.0	18.0	24.0	22.5	29.5	28.0	31.0	29.5	28.5	27.0	29.0	27.0
13	19.5	18.5	24.0	23.0	30.0	28.5	30.0	29.0	27.0	26.0	29.5	27.5
14	20.0	19.0	24.5	23.0	30.5	28.5	30.0	28.5	26.0	25.5	29.5	28.0
15	21.0	19.5	25.0	23.5	30.5	29.0	29.5	28.5	27.5	26.0	29.5	28.5
16	20.0	19.0	25.5	24.0	29.5	28.5	28.5	27.5	28.0	26.5	---	---
17	---	---	25.0	24.0	29.5	27.0	28.0	27.0	28.5	27.5	27.0	26.0
18	---	---	24.5	23.5	29.0	28.0	28.0	26.5	28.0	27.0	26.5	25.0
19	19.5	18.0	24.5	23.5	30.0	28.0	29.5	28.0	28.5	27.5	25.5	24.5
20	21.0	19.0	25.0	24.0	31.5	29.0	30.0	28.5	29.0	28.5	25.5	24.0
21	22.5	20.5	24.5	23.5	31.5	30.0	30.5	29.0	29.5	28.5	25.5	24.5
22	23.5	22.5	23.5	23.5	31.5	30.0	31.0	29.0	30.0	29.0	25.0	24.5
23	24.0	23.5	25.0	24.5	30.5	29.5	30.5	29.0	30.0	29.0	26.0	24.5
24	24.0	22.5	25.5	24.0	30.5	29.5	28.5	26.5	29.5	28.5	27.0	25.0
25	23.5	22.0	27.0	25.5	30.5	29.0	27.5	26.5	30.0	28.5	27.5	25.5
26	23.5	22.5	28.0	26.5	30.0	28.5	27.0	26.5	30.0	29.0	27.5	26.0
27	23.5	22.5	28.0	26.5	30.0	29.0	---	---	29.5	28.5	27.5	26.0
28	23.5	23.0	28.0	27.0	29.0	28.5	---	---	29.5	28.5	27.0	25.5
29	25.0	23.5	28.0	26.5	28.5	28.0	---	---	28.5	27.5	25.5	24.0
30	26.0	24.5	26.0	24.5	28.5	27.0	28.0	25.5	28.0	27.0	23.5	22.0
31	---	---	24.5	23.5	---	---	27.0	26.0	29.0	27.0	---	---
MONTH	26.0	17.0	28.0	22.0	31.5	23.5	31.0	26.0	30.0	23.5	30.0	20.0

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.2	7.4	---	---	9.3	9.2	9.2	8.9	11.3	10.7	9.4	8.7
2	8.1	7.4	---	---	9.8	9.5	9.3	9.0	11.1	10.7	9.1	8.5
3	8.0	7.3	---	---	9.6	9.2	9.4	9.1	10.9	10.5	8.7	8.0
4	7.8	7.1	---	---	9.1	8.6	9.6	9.3	10.6	10.4	8.8	8.5
5	7.7	6.8	---	---	9.1	8.8	11.5	8.8	10.4	9.9	9.0	8.6
6	8.2	7.0	---	---	---	---	11.0	10.6	10.0	9.8	8.8	8.2
7	8.4	7.4	---	---	---	---	10.8	10.5	10.0	9.8	8.6	8.2
8	8.6	7.8	10.1	7.7	---	---	11.7	10.5	10.0	9.8	8.3	8.0
9	8.6	7.9	10.1	9.2	---	---	11.6	10.7	9.9	9.6	8.0	7.7
10	8.3	7.2	10.5	9.0	---	---	11.2	10.6	9.7	9.1	7.9	7.4
11	8.3	7.4	10.2	9.5	---	---	10.7	10.5	9.7	9.1	7.9	7.4
12	7.6	6.2	10.6	9.6	---	---	10.6	10.3	9.1	8.3	7.8	7.6
13	7.6	6.0	10.8	9.6	---	---	10.4	9.9	8.2	7.5	8.0	7.5
14	---	---	10.5	9.8	8.8	7.7	10.8	9.8	8.3	8.1	8.0	7.7
15	8.2	7.7	10.1	9.4	7.6	6.9	10.7	10.2	8.3	7.8	8.1	7.7
16	8.1	7.5	10.1	9.5	7.6	7.0	10.5	10.2	7.9	7.1	8.6	7.8
17	8.0	7.0	10.1	9.5	8.0	6.5	10.6	10.5	8.3	7.1	8.5	8.1
18	7.5	6.9	10.1	9.7	6.8	6.2	10.7	10.4	8.2	8.0	8.5	8.0
19	---	---	9.9	9.3	7.2	6.1	11.0	10.2	8.3	8.0	8.0	7.8
20	---	---	9.4	9.0	8.7	6.8	12.2	10.9	8.1	7.8	---	---
21	7.9	5.9	9.1	8.9	8.2	8.0	12.4	12.2	8.1	7.7	---	---
22	---	---	9.0	8.5	8.3	7.8	12.5	12.2	8.5	7.9	7.1	6.7
23	---	---	9.0	8.4	8.6	8.2	12.2	11.8	8.6	8.0	---	---
24	---	---	8.7	8.4	9.2	8.5	11.8	11.6	8.7	8.3	7.5	7.4
25	---	---	9.1	8.7	9.6	9.2	11.4	11.0	8.7	8.2	7.7	7.4
26	---	---	9.0	8.4	9.7	9.5	11.2	10.6	8.6	7.9	7.8	7.6
27	8.7	7.6	8.4	8.1	9.6	9.4	11.1	10.7	8.0	6.4	7.9	7.7
28	8.6	7.5	8.5	8.1	9.2	8.5	11.1	10.7	8.5	7.9	7.7	7.4
29	8.4	7.6	9.1	8.0	9.2	8.8	10.8	10.6	9.2	8.0	7.5	7.3
30	7.7	7.1	9.2	8.9	9.0	8.8	10.8	10.6	---	---	7.4	7.2
31	7.0	6.1	---	---	9.1	8.7	11.2	10.8	---	---	7.7	7.1
MONTH	---	---	---	---	9.8	6.1	12.5	8.9	11.3	6.4	9.4	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.0	7.6	8.2	6.7	8.0	7.3	7.4	6.5	6.3	5.9	7.4	6.8
2	8.2	7.9	8.1	7.8	7.7	7.1	8.2	6.9	6.6	6.1	7.1	6.5
3	8.1	7.9	7.9	7.6	7.1	6.6	8.3	7.2	6.5	6.1	6.6	6.2
4	8.1	7.9	7.9	7.4	6.7	6.2	8.2	7.0	7.5	6.4	---	---
5	8.1	7.9	8.0	7.4	6.6	6.0	7.8	6.8	7.2	6.4	---	---
6	8.0	7.8	7.7	7.1	8.6	5.9	7.3	6.5	6.5	6.1	8.0	7.8
7	7.9	7.7	7.1	6.7	8.4	7.8	6.8	6.2	6.8	6.1	8.0	7.4
8	7.7	7.4	6.9	6.5	8.6	7.8	6.6	6.1	6.4	6.1	7.6	7.1
9	7.5	6.8	6.8	6.4	8.6	7.7	6.7	6.0	6.5	6.2	7.1	6.7
10	---	---	7.2	6.8	8.6	7.9	---	---	6.5	6.2	7.1	6.6
11	---	---	7.2	7.1	8.3	7.6	7.0	6.4	6.5	6.3	7.3	6.4
12	7.9	7.6	7.2	7.0	7.8	7.1	6.8	6.1	6.8	6.2	6.5	5.4
13	8.0	7.7	7.2	7.1	8.0	7.0	6.1	5.8	6.3	5.9	---	---
14	8.0	7.8	7.1	6.9	8.0	7.2	6.6	5.8	6.3	6.2	---	---
15	8.1	7.7	7.0	6.8	7.6	6.8	6.9	6.2	6.6	6.3	---	---
16	8.0	7.7	7.2	6.8	7.1	6.8	6.7	6.4	6.7	6.2	---	---
17	8.0	7.6	7.1	6.8	7.2	6.8	6.8	6.2	6.4	5.8	---	---
18	8.0	7.6	7.0	6.8	7.4	6.9	6.7	6.2	5.8	5.4	---	---
19	8.3	7.4	7.0	6.8	7.7	7.0	7.3	6.4	5.6	5.4	6.7	6.1
20	8.3	7.9	6.9	6.8	7.5	6.9	7.4	6.3	5.6	5.4	6.7	5.9
21	8.4	7.9	6.8	6.4	7.2	6.7	7.4	6.2	6.3	5.3	6.5	5.9
22	8.1	7.9	6.5	6.5	7.1	6.5	7.2	6.1	6.4	6.1	6.0	5.5
23	8.0	7.7	7.0	6.8	6.7	6.3	6.9	5.9	6.5	6.2	6.0	5.3
24	8.7	7.7	6.9	6.5	7.2	6.9	5.9	4.9	6.8	6.1	6.5	5.1
25	8.6	8.0	6.5	5.8	7.7	6.8	6.2	5.4	7.1	6.4	6.3	5.7
26	8.6	7.9	5.9	5.4	7.7	7.2	5.8	5.8	6.7	6.0	5.9	5.3
27	8.3	7.6	5.4	5.0	7.5	6.7	---	---	7.1	---	---	---
28	7.7	7.4	5.4	5.1	6.8	6.3	---	---	7.1	6.3	---	---
29	7.5	7.2	5.5	5.2	7.4	6.5	---	---	6.9	6.3	---	---
30	7.5	7.0	7.2	5.4	7.2	6.6	6.6	6.3	7.7	6.5	---	---
31	---	---	8.0	7.1	---	---	6.3	6.1	7.5	7.0	---	---
MONTH	8.7	6.8	8.2	5.0	8.6	5.9	8.3	4.9	7.7	5.3	---	---

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02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	106	102	108	104	54	44	28	22	---	---	46	44
2	108	102	110	104	56	52	30	26	---	---	54	48
3	112	104	106	102	60	56	30	28	54	52	56	54
4	112	108	---	---	62	58	28	26	54	52	56	54
5	112	106	---	---	62	58	28	24	56	52	56	52
6	110	104	---	---	---	---	28	24	58	56	54	48
7	112	106	---	---	---	---	28	26	64	58	48	42
8	114	108	108	102	---	---	28	26	64	62	42	38
9	118	112	106	102	---	---	30	28	70	64	36	36
10	116	110	108	104	---	---	30	28	68	58	38	36
11	112	106	104	100	---	---	30	26	62	58	40	38
12	106	102	100	96	---	---	32	28	58	54	42	40
13	---	---	100	96	---	---	34	32	58	54	42	42
14	---	---	98	94	---	---	40	34	62	50	44	42
15	---	---	96	92	44	40	48	40	60	48	44	44
16	---	---	92	86	48	40	46	44	48	46	46	44
17	---	---	88	84	48	44	44	36	52	46	48	46
18	---	---	90	86	50	44	36	32	52	48	50	46
19	---	---	92	88	48	44	32	30	48	46	50	48
20	---	---	94	84	46	44	48	26	48	46	---	---
21	108	104	82	78	44	42	50	40	50	48	54	50
22	108	104	86	74	44	40	48	44	50	48	56	54
23	106	100	78	74	42	38	54	48	48	46	58	54
24	---	---	76	66	40	34	60	52	50	48	60	56
25	---	---	72	58	32	28	68	60	52	48	64	58
26	---	---	64	48	34	28	68	62	52	48	66	64
27	---	---	46	44	40	32	64	56	46	26	70	62
28	---	---	46	42	40	38	68	54	42	38	60	46
29	108	100	46	42	40	28	66	60	44	38	50	46
30	112	108	48	44	28	22	60	52	---	---	56	48
31	110	106	---	---	24	22	52	36	---	---	60	56
MONTH	---	---	110	42	---	---	68	22	70	26	70	36

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	62	60	90	86	118	96	98	92	80	70	82	78
2	62	58	92	86	122	114	112	96	96	78	80	76
3	62	56	84	74	114	100	116	108	112	98	84	82
4	64	60	80	74	100	84	108	98	102	86	---	---
5	62	54	82	78	100	84	98	88	86	68	---	---
6	54	52	76	66	108	100	90	80	72	68	88	82
7	54	50	72	64	116	108	86	78	74	68	86	80
8	58	52	66	60	120	116	100	86	70	60	82	78
9	60	58	66	64	120	112	92	82	68	64	98	82
10	58	50	64	58	112	108	---	---	70	64	102	98
11	50	46	58	56	108	106	94	76	88	70	104	100
12	44	42	56	54	128	106	102	94	104	82	108	104
13	48	44	56	54	110	108	116	100	82	74	108	106
14	52	46	58	56	110	108	122	108	74	74	112	106
15	54	50	60	58	108	104	118	86	80	72	116	112
16	54	54	60	58	106	100	84	76	90	72	116	114
17	56	54	62	58	104	100	88	76	92	72	116	110
18	58	56	64	60	106	102	92	74	78	70	108	98
19	60	58	64	62	104	98	114	94	78	70	112	98
20	64	60	66	62	104	100	108	104	80	76	114	106
21	68	64	68	64	110	104	106	102	82	78	106	98
22	72	68	68	68	110	106	112	106	86	82	104	100
23	76	70	78	72	112	108	118	112	92	84	112	102
24	78	76	72	60	118	106	118	104	94	92	124	116
25	84	78	88	68	108	102	104	96	98	94	134	124
26	82	78	90	68	102	92	96	96	96	94	140	134
27	88	82	70	66	112	98	---	---	96	92	136	128
28	84	76	82	72	124	114	---	---	96	94	130	126
29	80	76	82	80	124	98	---	---	96	92	130	128
30	86	80	92	80	100	88	84	70	92	76	132	130
31	---	---	96	82	---	---	70	62	78	74	---	---
MONTH	88	42	96	54	128	84	122	62	112	60	140	76

02490193 PEARL RIVER AT POOLS BLUFF, NEAR BOGALUSA, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.7	6.6	6.9	6.8	6.5	6.5	6.2	6.1	6.0	5.9	6.2	6.2
2	6.7	6.6	7.0	6.8	6.5	6.4	6.2	6.2	6.3	5.9	6.3	6.2
3	6.8	6.6	7.1	6.9	6.5	6.4	6.3	6.2	6.3	6.2	6.3	6.2
4	6.7	6.6	7.0	6.8	6.4	6.3	6.3	6.2	6.3	6.2	6.4	6.2
5	6.6	6.5	7.0	6.8	6.4	6.3	6.3	6.2	6.3	6.2	6.3	6.3
6	6.8	6.5	7.1	6.9	---	---	6.3	6.3	6.3	6.3	6.3	6.2
7	6.8	6.6	7.0	6.9	---	---	6.3	6.3	6.3	6.3	6.3	6.1
8	6.9	6.7	7.1	6.9	---	---	6.3	6.3	6.4	6.3	6.1	6.0
9	6.9	6.7	7.1	6.9	---	---	6.3	6.3	6.4	6.3	6.0	6.0
10	6.7	6.6	7.1	6.8	---	---	6.3	6.3	6.4	6.0	6.0	6.0
11	6.8	6.6	7.1	6.9	---	---	6.4	6.3	6.3	6.2	6.1	6.0
12	6.7	6.6	7.1	6.9	---	---	6.4	6.3	6.2	6.1	6.1	6.0
13	---	---	7.1	7.0	---	---	6.4	6.3	6.3	6.1	6.1	6.1
14	6.9	6.7	7.1	6.9	6.4	6.0	6.8	6.4	6.3	6.3	6.2	6.1
15	6.8	6.7	7.1	6.9	6.4	6.3	6.5	6.4	6.3	6.1	6.2	6.1
16	6.8	6.7	7.1	6.9	6.4	6.3	6.5	6.5	6.1	6.0	6.2	5.6
17	6.8	6.7	7.1	7.0	6.4	6.3	6.5	6.4	6.1	6.0	5.8	5.7
18	6.9	6.7	7.0	6.9	6.4	6.3	6.4	6.4	6.1	6.1	5.8	5.7
19	7.0	6.7	6.9	6.8	6.4	6.4	6.4	6.3	6.1	6.1	---	---
20	7.0	6.7	6.9	6.8	6.5	6.2	6.4	5.9	6.1	6.0	---	---
21	6.9	6.7	---	---	6.4	6.3	6.0	5.9	6.1	6.1	5.8	5.7
22	6.8	6.7	6.7	6.5	6.3	6.3	6.0	6.0	6.1	6.1	5.8	5.7
23	5.8	6.7	6.6	6.5	6.4	6.3	6.0	5.9	6.2	6.1	---	---
24	7.0	6.7	6.6	6.6	6.5	6.4	5.9	5.9	6.2	6.1	6.2	6.1
25	7.1	6.8	6.7	6.6	6.5	6.4	6.0	5.9	6.2	6.2	6.3	6.2
26	7.2	6.8	6.6	6.3	6.5	6.4	6.0	5.9	6.3	6.1	6.4	6.3
27	7.1	6.9	6.3	6.2	6.5	6.4	6.1	6.0	6.1	5.7	6.4	6.3
28	7.1	6.9	6.3	6.2	6.4	6.2	6.1	6.0	6.1	6.0	6.3	6.1
29	7.0	6.9	6.4	6.3	6.3	6.2	6.1	6.0	6.2	6.1	6.2	6.1
30	7.0	6.9	6.5	6.4	6.2	6.1	6.0	6.0	---	---	6.2	6.2
31	6.9	6.8	---	---	6.1	6.0	6.0	6.0	---	---	6.3	6.2
MONTH	7.2	6.5	7.1	6.2	---	---	6.8	5.9	6.4	5.7	6.4	5.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.3	6.3	6.6	6.5	6.9	6.6	6.7	6.4	6.9	6.4	6.8	6.6
2	6.3	6.3	6.6	6.5	6.8	6.6	---	---	7.1	5.8	6.7	6.6
3	6.4	6.3	6.5	6.4	6.7	6.5	---	---	6.1	5.9	---	---
4	6.4	6.3	6.5	6.4	6.5	6.4	---	---	6.2	6.0	---	---
5	6.4	6.3	6.6	6.5	6.6	6.4	---	---	6.1	5.6	---	---
6	6.3	6.2	6.5	6.3	6.6	6.5	6.6	6.3	5.7	5.6	---	---
7	6.2	6.1	6.3	6.2	6.6	6.5	6.5	6.2	6.4	5.7	6.6	6.5
8	6.1	6.1	6.2	6.2	6.7	6.5	6.5	6.3	6.1	6.0	6.5	6.3
9	6.2	6.0	6.3	6.2	6.7	6.6	6.5	6.3	6.1	6.1	6.4	6.3
10	6.1	6.0	6.3	6.3	6.7	6.6	---	---	6.2	6.1	6.6	6.4
11	6.0	5.9	6.3	6.2	6.7	6.5	---	---	6.4	6.2	6.6	6.5
12	5.9	5.7	6.3	6.2	6.6	6.5	---	---	6.6	6.3	6.6	6.5
13	6.0	5.9	6.2	6.2	6.5	6.4	---	---	6.3	6.2	6.6	6.4
14	6.0	6.0	6.3	6.2	6.6	6.4	---	---	6.3	6.3	6.6	6.5
15	6.1	6.0	6.2	6.2	6.5	6.4	---	---	6.4	6.2	6.6	6.5
16	6.1	6.1	6.2	6.2	6.4	6.4	---	---	6.5	6.3	6.7	6.5
17	6.1	6.1	6.2	6.2	6.5	6.4	---	---	6.5	6.3	6.6	6.6
18	6.2	6.1	6.3	6.2	6.5	6.4	---	---	6.3	6.2	6.7	6.5
19	6.1	6.1	6.2	6.2	6.5	6.4	---	---	6.3	6.2	6.6	6.4
20	6.1	6.1	6.3	6.2	6.4	6.3	---	---	6.3	6.3	6.6	6.4
21	6.2	6.1	6.3	6.2	6.4	6.3	---	---	6.3	6.3	6.5	6.4
22	6.2	6.2	---	---	6.4	6.3	---	---	6.4	6.4	6.5	6.4
23	---	6.2	---	---	---	---	---	---	6.6	6.4	6.6	6.3
24	6.5	6.3	6.6	6.5	6.5	6.4	---	---	6.7	6.5	6.6	6.4
25	6.6	6.5	6.7	6.5	6.6	6.4	---	---	7.0	6.7	6.6	6.4
26	6.6	6.5	6.7	6.5	6.6	6.5	---	---	7.0	6.7	6.6	6.4
27	6.5	6.4	6.5	6.5	6.6	6.5	---	---	7.0	6.7	6.5	6.4
28	6.4	6.3	6.7	6.5	6.6	6.5	---	---	7.0	6.7	6.5	6.4
29	6.4	6.3	6.8	6.7	6.6	6.4	---	---	6.8	6.6	6.5	6.4
30	6.5	6.4	6.8	6.3	6.6	6.4	---	---	6.7	6.6	6.5	6.4
31	---	---	6.8	6.5	---	---	---	---	6.7	6.6	---	---
MONTH	6.6	5.7	6.8	6.2	6.9	6.3	---	---	7.1	5.6	6.8	6.3

02491500 BOGUE CHITTO AT FRANKLINTON, LA

LOCATION.--Lat 30°50'35", long 90°09'45", in SE1/4SE1/4 sec. 26, T. 2 S., R. 10 E., Washington Parish, Hydrologic Unit 03180005, at bridge on State Highway 10, 0.8 mi west of Franklinton, and 3.5 mi upstream from Lawrence Creek.

DRAINAGE AREA.--990 mi^2.

PERIOD OF RECORD.--August 1928 to September 1931, October 1938 to September 1957. February to September 1975, July 1976 to current year (gage heights and discharge measurements). Gage-height records collected in this vicinity since 1922 are contained in reports of the National Weather Service.

REVISED RECORDS.--WDR LA-1981-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 123.81 ft National Geodetic Vertical Datum of 1929. August 1928 to September 1931, nonrecording gage at site about 0.2 mi downstream at datum 2.00 ft higher. October 1938 to June 22, 1939, nonrecording gage; June 23, 1939, to September 1957 and February to September 1975, water-stage recorder at present site at datum 1.00 ft higher.

AVERAGE DISCHARGE.--22 years (water years 1929-31, 1939-57), 1,596 ft^3/s, 22.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125,000 ft^3/s Apr. 7, 1983, gage height, 24.69 ft; minimum discharge, 350 ft^3/s Nov. 6-8, 1938; minimum gage height, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1900 reached a stage of 29.6 ft, at former site and present datum, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,970 ft^3/s Dec. 28, gage height, 9.98 ft; minimum, 0.75 ft Sept. 30.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.28	1.21	---	4.77	1.82	4.91	1.81	1.43	1.22	3.49	1.26	1.55
2	1.26	1.21	---	3.25	1.75	3.38	1.72	1.42	1.16	2.23	1.19	1.25
3	1.26	1.22	---	2.79	1.83	2.86	2.60	1.43	1.13	3.85	1.59	1.14
4	1.27	1.21	---	2.50	2.46	2.56	3.77	1.65	1.12	2.90	3.60	1.55
5	1.26	1.27	---	2.29	2.17	2.48	3.98	1.90	1.10	1.82	2.01	3.52
6	1.26	1.27	---	2.13	1.98	4.48	3.86	2.19	1.09	1.46	2.52	2.55
7	1.26	1.26	---	2.02	1.96	6.51	2.78	1.67	1.08	1.32	2.32	1.57
8	1.26	1.26	---	1.92	1.76	8.23	2.21	1.70	1.07	1.45	3.01	1.31
9	1.26	1.25	---	1.84	1.70	5.56	8.43	2.02	1.04	1.34	3.30	1.19
10	1.26	1.24	---	2.09	2.35	3.45	8.16	1.63	1.02	1.78	2.43	1.12
11	1.26	1.21	3.50	2.19	2.98	2.83	5.66	1.53	1.01	1.48	1.82	1.07
12	1.26	1.21	3.89	2.21	2.42	2.54	4.01	1.40	.99	1.25	1.56	1.04
13	1.35	1.22	3.70	2.19	4.99	2.46	3.12	1.32	.98	1.87	2.40	1.03
14	1.37	1.23	3.52	2.04	7.25	2.99	2.68	1.28	.98	4.01	1.86	1.00
15	1.28	1.27	2.61	1.99	6.45	2.50	2.44	1.28	1.02	3.81	2.20	.97
16	1.28	1.30	2.35	2.38	6.14	2.29	2.39	1.21	1.40	3.00	1.90	.93
17	1.27	1.37	2.23	2.68	5.84	2.11	2.16	1.17	1.25	3.22	1.64	.98
18	1.27	1.30	2.01	3.17	5.20	2.00	1.94	1.16	1.24	2.86	2.04	.92
19	1.27	---	1.88	3.62	4.67	1.91	1.85	1.14	1.27	1.96	1.46	.90
20	1.26	---	1.78	4.45	3.58	3.03	1.78	1.38	1.16	1.58	1.32	.87
21	1.24	---	1.71	4.11	3.04	2.98	1.72	1.52	1.07	1.37	1.33	.86
22	1.23	---	1.74	3.08	2.74	2.61	1.71	2.62	1.02	1.26	1.59	.92
23	1.26	---	1.70	2.60	2.53	2.21	1.66	2.87	1.76	1.17	1.33	.93
24	1.27	---	2.82	2.54	2.31	2.00	1.59	3.06	1.66	1.44	1.32	.90
25	1.26	---	2.75	2.93	2.13	2.69	1.55	1.90	2.75	2.20	1.44	.89
26	1.24	---	2.00	2.73	2.00	4.16	1.53	1.57	1.55	2.01	1.29	.85
27	1.22	---	1.84	2.60	6.54	3.94	1.55	1.52	1.26	1.51	1.27	.83
28	1.21	---	8.18	2.36	7.13	3.29	1.55	2.08	1.80	1.49	1.49	.81
29	1.20	---	9.70	2.17	5.52	2.42	1.51	1.44	1.28	1.58	1.31	.79
30	1.20	---	7.67	2.02	---	2.12	1.50	1.57	1.21	1.81	1.61	.77
31	1.20	---	6.31	1.90	---	1.93	---	1.33	---	1.42	2.21	---
MAX	1.37	---	9.70	4.77	7.25	8.23	8.43	3.06	2.75	4.01	3.60	3.52
MIN	1.20	---	---	1.84	1.70	1.91	1.50	1.14	.98	1.17	1.19	.77

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02492000 BOGUE CHITTO NEAR BUSH, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°37'45", long 89°53'50", in SE1/4NE1/4 lot 42, T. 5 S., R. 13 E., St. Tammany Parish, Hydrologic Unit 03180005, near center of span on downstream side of bridge on State Highway 21, 0.2 mi downstream from Illinois Central Gulf Railroad bridge, and 1.4 mi north of Bush.

DRAINAGE AREA.--1,213 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1937 to current year.

REVISED RECORDS.--WDR LA-1981-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 44.25 ft National Geodetic Vertical Datum of 1929 (levels by Corp of Engineers). Prior to July 22, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--47 years, 1,914 ft^3/s, 21.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 131,700 ft^3/s Apr. 8, 1983, gage height, 21.22 ft; minimum, 366 ft^3/s Oct. 22, 23, 26, 29, 1968; minimum gage height, 0.7 ft Oct. 1, 1937, Oct. 29-31, 1940, Oct. 22-27, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 11,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 30	2400	*13800	*11.56

Minimum discharge, 704 ft^3/s Nov. 12; minimum gage height, 3.45 ft Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814	720	1260	7360	1420	6290	1500	1140	1040	1690	1080	1500
2	802	722	1120	4990	1360	4600	1430	1120	997	1920	1040	1220
3	795	723	1050	2970	1390	2960	1500	1110	974	1740	1230	1090
4	791	724	1260	2330	1680	2310	2280	1120	959	2370	2710	1140
5	791	741	1530	2060	1820	2090	2800	1250	949	1800	2930	1850
6	784	800	1890	1870	1590	2500	2960	1400	941	1290	1880	2260
7	776	767	2940	1720	1460	3960	2780	1360	932	1150	2020	1690
8	765	745	2620	1610	1380	5800	2170	1200	925	1090	2460	1250
9	759	740	2000	1520	1280	7700	3720	1470	916	1090	2980	1110
10	756	731	1570	1650	1600	6060	8470	1320	902	1100	2600	1070
11	759	718	2870	1880	2960	3220	9860	1180	893	1150	1860	1010
12	803	709	4540	1790	2830	2430	6490	1110	889	1060	1780	968
13	902	720	4460	1700	3010	2230	3770	1060	885	1030	2080	974
14	884	752	3440	1630	4960	2300	2560	1040	878	1570	2110	949
15	822	788	2760	1580	7120	2290	2130	1010	890	2730	1800	919
16	793	853	2100	1700	7120	2030	1920	997	941	2740	1730	897
17	785	838	1830	1880	6680	1860	1790	972	1060	2160	1500	870
18	774	826	1660	2260	6270	1730	1630	957	1010	2320	1440	867
19	763	803	1500	2850	5240	1660	1520	951	986	1980	1540	843
20	757	1090	1390	3390	4270	2310	1440	972	1010	1450	1280	827
21	754	1650	1300	3720	3170	2900	1380	1110	950	1210	1170	814
22	754	1440	1450	3270	2560	2580	1340	1540	915	1080	1220	821
23	762	1230	1380	2430	2250	2070	1300	2520	926	1030	1270	868
24	769	1460	1490	2160	2030	1760	1260	2470	1170	1060	1250	843
25	765	1830	1920	2350	1840	1670	1230	1950	1350	1360	1180	814
26	756	1700	1730	2550	1730	2430	1200	1400	1520	1470	1170	794
27	738	1440	1450	2290	4370	3030	1190	1350	1140	1320	1140	777
28	728	1310	2840	2030	8200	2970	1190	1280	1060	1140	1280	760
29	724	1350	7970	1810	8810	2360	1180	1300	1150	1140	1280	744
30	721	1260	13400	1650	---	1860	1170	1120	1010	1260	1260	732
31	721	---	10500	1520	---	1630	---	1110	---	1210	1560	---
TOTAL	24067	30180	89220	74520	100400	91590	75160	39889	30168	46710	51830	31271
MEAN	776	1006	2878	2404	3462	2955	2505	1287	1006	1507	1672	1042
MAX	902	1830	13400	7360	8810	7700	9860	2520	1520	2740	2980	2260
MIN	721	709	1050	1520	1280	1630	1170	951	878	1030	1040	732
CFSM	.64	.83	2.37	1.98	2.85	2.44	2.07	1.06	.83	1.24	1.38	.86
IN.	.74	.93	2.74	2.29	3.08	2.81	2.30	1.22	.93	1.43	1.59	.96

CAL YR 1983 TOTAL 1271358 MEAN 3483 MAX 126000 MIN 709 CFSM 2.87 IN. 38.99
WTR YR 1984 TOTAL 685005 MEAN 1872 MAX 13400 MIN 709 CFSM 1.54 IN. 21.01

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02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.95	3.73	4.99	10.14	5.25	9.79	5.18	4.37	4.11	5.43	4.13	4.93
2	3.92	3.73	4.71	9.18	5.12	9.00	5.03	4.32	4.01	5.92	4.03	4.35
3	3.90	3.73	4.54	7.68	5.18	7.73	5.16	4.29	3.95	5.57	4.46	4.06
4	3.89	3.74	4.98	6.86	5.75	6.91	6.58	4.32	3.91	6.69	7.03	4.19
5	3.89	3.79	5.53	6.41	6.01	6.56	7.35	4.61	3.89	5.68	7.35	5.62
6	3.87	3.95	6.16	6.07	5.60	7.18	7.54	4.91	3.87	4.67	5.75	6.38
7	3.85	3.87	7.71	5.81	5.33	8.59	7.32	4.83	3.84	4.37	6.00	5.37
8	3.82	3.80	7.31	5.59	5.18	9.60	6.39	4.49	3.83	4.23	6.71	4.48
9	3.80	3.79	6.37	5.41	4.98	10.24	8.16	5.05	3.80	4.23	7.42	4.18
10	3.80	3.77	5.60	5.65	5.59	9.65	10.41	4.76	3.77	4.26	6.92	4.11
11	3.81	3.73	7.43	6.07	7.68	7.88	10.77	4.44	3.75	4.37	5.70	3.96
12	3.93	3.71	8.98	5.92	7.56	6.94	9.82	4.29	3.74	4.14	5.54	3.88
13	4.19	3.74	8.93	5.75	7.74	6.60	8.29	4.18	3.72	4.07	6.09	3.90
14	4.14	3.83	8.19	5.61	9.19	6.73	7.00	4.11	3.71	5.23	6.13	3.85
15	3.98	3.93	7.48	5.50	10.07	6.70	6.32	4.05	3.74	7.20	5.56	3.79
16	3.90	4.10	6.52	5.73	10.08	6.25	5.95	4.01	3.87	7.22	5.43	3.75
17	3.88	4.06	6.05	6.07	9.94	5.94	5.71	3.95	4.15	6.34	4.98	3.69
18	3.86	4.03	5.74	6.70	9.79	5.69	5.41	3.91	4.04	6.61	4.85	3.69
19	3.83	3.96	5.44	7.54	9.36	5.55	5.18	3.89	3.98	6.02	5.04	3.64
20	3.82	4.64	5.20	8.11	8.81	6.69	5.03	3.94	4.03	5.01	4.51	3.61
21	3.81	5.79	5.03	8.39	7.93	7.54	4.91	4.27	3.89	4.47	4.25	3.59
22	3.81	5.40	5.33	8.00	7.24	7.11	4.82	5.16	3.80	4.19	4.35	3.62
23	3.83	4.97	5.18	7.00	6.78	6.28	4.73	6.91	3.83	4.06	4.48	3.75
24	3.85	5.42	5.39	6.56	6.43	5.72	4.64	6.86	4.40	4.13	4.43	3.70
25	3.84	6.11	6.19	6.88	6.10	5.54	4.56	5.96	4.80	4.80	4.26	3.64
26	3.82	5.87	5.84	7.19	5.92	6.84	4.50	4.91	5.16	5.01	4.24	3.60
27	3.77	5.38	5.31	6.80	8.74	7.67	4.47	4.81	4.34	4.69	4.16	3.56
28	3.75	5.11	7.35	6.36	10.36	7.59	4.48	4.66	4.16	4.30	4.46	3.53
29	3.74	5.20	10.21	5.97	10.52	6.74	4.46	4.69	4.36	4.28	4.47	3.50
30	3.73	5.00	11.48	5.67	---	5.87	4.42	4.31	4.04	4.56	4.41	3.47
31	3.73	---	10.90	5.43	---	5.43	---	4.28	---	4.43	5.04	---
MAX	4.19	6.11	11.48	10.14	10.52	10.24	10.77	6.91	5.16	7.22	7.42	6.38
MIN	3.73	3.71	4.54	5.41	4.98	5.43	4.42	3.89	3.71	4.06	4.03	3.47

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953-55, 1965-68, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1981.
WATER TEMPERATURES: October 1974 to September 1981.

INSTRUMENTATION.--Water-quality monitor October 1975 to September 1981.

REMARKS.--Lower limit of conductivity sensor was 28 micromhos prior to September 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 402 micromhos July 11, 1976; minimum, 13 micromhos Feb. 10, 1981.
WATER TEMPERATURES: Maximum, 33.0°C June 26, 1977, July 24, 25, 1981; minimum, 5.0°C Jan. 19, 20, 1977, Jan. 20, 21, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 20...	1130	757	42	6.1	23.0	10	5.7	7.7	1.7	270	9600
DEC 30...	1015	13400	32	6.3	7.0	100	47	10.3	3.8	8800	20000
FEB 22...	1145	2560	41	5.6	15.0	40	23	9.0	.9	140	220
APR 19...	0930	1460	43	6.9	19.5	15	10	8.4	.6	K29	K16
JUN 21...	1140	890	44	7.1	29.0	5	7.2	7.5	1.1	K45	K81
AUG 21...	1145	1040	42	6.7	28.0	20	9.2	7.3	.9	K76	120

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 20...	9	2.0	.85	4.8	1.0	11	2.1	5.6	<.1
DEC 30...	6	1.2	.61	2.1	2.8	6	2.8	3.9	<.1
FEB 22...	9	1.9	.94	3.3	1.3	7	2.4	5.4	<.1
APR 19...	9	2.1	.96	3.4	1.2	8	2.8	5.4	<.1
JUN 21...	8	1.7	.83	4.4	1.5	9	1.6	6.4	.1
AUG 21...	9	2.0	.87	3.3	1.3	7	2.7	5.2	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 20...	7.8	40	31	<.10	<.01	.6	.05	--	.02
DEC 30...	4.6	28	23	.27	.04	.8	.17	.03	.02
FEB 22...	8.8	29	28	.25	.09	.2	.06	.01	.01
APR 19...	10	31	31	.28	.02	1.5	.04	.01	<.01
JUN 21...	11	38	33	.31	.11	1.1	.04	.02	.02
AUG 21...	9.7	34	29	.18	.02	.6	.04	.04	<.01

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

02492000 BOGUE CHITTO NEAR BUSH, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 20...	<10	1	28	<.5	<1	<1	<3	5	160	3
FEB 22...	40	1	39	<.5	<1	<1	<3	3	170	2
APR 19...	<10	1	37	1	<1	<1	<3	1	250	2
AUG 21...	10	1	28	<1	1	1	<3	2	170	3

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 20...	10	45	<.1	<10	1	<1	<1	21	<6	7
FEB 22...	<4	65	<.1	<10	<1	<1	<1	21	<6	8
APR 19...	<4	74	<.1	<10	1	<1	<1	24	<6	7
AUG 21...	<4	59	<.1	<10	1	<1	1	22	<6	7

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 20...	36	74	57
DEC 30...	88	3180	78
FEB 22...	36	249	97
APR 19...	21	83	98
JUN 21...	23	55	83
AUG 21...	28	79	74

< Actual value is known to be less than the value shown.

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02492600 PEARL RIVER AT PEARL RIVER, LA

LOCATION.--Lat 30°23'06", long 89°44'12", in NW1/4NW1/4 sec. 6, T.8 S., R.15 E., St. Helena meridian, St. Tammany Parish, Hydrologic Unit 03180004, on left bank on downstream side of Norfolk and Southern Railroad bridge over West Pearl River, 700 ft upstream from Interstate Highway 59, and 0.8 mi northeast of town of Pearl River.

DRAINAGE AREA.--8,494 mi^2, includes East Pearl River.

PERIOD OF RECORD.--October 1963 to September 1970. October 1975 to current year (gage heights and discharge measurements only). Daily discharge records October 1961 to September 1963 and gage heights only October 1970 to September 1975 in files of Corps of Engineers, Mobile district. Gage-height records since June 1906 are in reports of National Weather Service and gage-height records October 1899 to May 1906 (collected by Southern Railway System) are in files of National Weather Service, Meridian, MS.

REVISED RECORDS.--WDR LA-1981-2: 1980 (M); Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 0.05 ft below National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers, Mobile District). Prior to September 1970, supplemental gage located on East Pearl River at different datum for the determination of daily mean discharge for the entire flood plain.

REMARKS.--Records of daily discharge are the combined flow of the entire flood plain of the West and East Pearl Rivers. Records since October 1975 represent stages for the West Pearl River only.

AVERAGE DISCHARGE.--7 years (water years 1964-70) 9,470 ft^3/s, 14.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230,000 ft^3/s Apr. 9, 1983; maximum gage height, 21.05 ft; minimum daily discharge, 1,580 ft^3/s Oct. 24, Nov. 10, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since October 1899 is that of Apr. 9, 1983. Flood of 1874 reached a stage of 20.2 ft, furnished by Corps of Engineers. Southern Railway System reported a stage of 19.7 ft Apr. 19, 1900.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 48,200 ft^3/s Mar. 12, gage height, 15.50 ft; minimum gage height, 2.12 ft Nov. 11, 15, 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.86	4.53	11.30	15.12	11.98	14.83	---	7.73	6.44	5.18	6.27	6.18
2	4.83	4.55	11.50	15.10	11.91	14.42	---	8.00	6.31	5.38	6.06	6.02
3	4.81	4.55	11.53	14.94	11.86	13.87	---	8.14	6.03	6.18	6.11	5.55
4	4.85	4.55	11.52	14.63	11.86	13.39	---	8.02	5.72	6.27	6.55	5.18
5	4.82	4.64	11.49	14.28	11.77	12.91	---	7.84	5.46	6.60	7.61	5.20
6	4.72	4.63	11.61	13.96	11.71	12.72	---	8.18	5.29	6.30	8.65	5.90
7	4.75	3.99	11.74	13.67	11.47	12.77	12.20	9.25	5.20	5.56	8.43	6.85
8	4.74	3.04	11.95	13.43	10.96	13.25	12.55	10.27	5.09	5.14	7.95	6.67
9	4.68	3.05	12.26	13.26	10.38	14.00	12.71	10.82	5.01	4.90	8.10	5.90
10	4.66	2.40	12.31	13.18	9.86	14.72	13.00	11.17	4.94	5.00	8.40	5.32
11	4.78	2.24	12.50	13.00	9.60	15.26	14.08	11.37	4.85	5.10	8.35	4.95
12	4.82	2.30	13.37	12.79	10.20	15.45	14.81	11.53	4.76	5.18	8.02	4.78
13	4.92	2.89	13.29	12.56	10.99	15.45	14.74	11.69	4.67	5.14	8.13	4.64
14	4.94	3.51	13.20	12.18	11.01	15.33	14.04	11.87	4.64	5.20	8.39	4.58
15	5.17	3.41	---	11.76	11.34	15.10	13.34	12.03	4.58	5.38	7.99	4.48
16	5.13	3.46	---	11.52	12.44	14.84	12.92	12.05	4.70	6.60	7.71	4.51
17	4.99	4.85	---	11.40	13.50	14.53	12.50	11.92	4.84	7.36	7.06	4.46
18	4.84	5.32	---	11.45	14.00	14.21	12.08	11.56	4.91	7.47	8.13	4.42
19	4.76	5.26	---	11.69	14.28	13.94	11.53	11.03	4.83	7.39	8.41	4.39
20	4.75	5.59	13.29	11.97	14.37	13.85	10.87	10.51	4.72	7.35	8.16	4.38
21	4.71	5.79	13.28	12.23	14.38	13.49	10.11	10.03	4.62	6.76	7.34	4.39
22	4.67	6.57	13.30	12.49	14.36	13.07	9.39	9.52	4.48	6.04	6.66	4.56
23	4.67	7.08	13.35	12.66	14.31	12.51	8.76	9.61	4.40	5.41	6.29	4.63
24	4.55	7.25	13.12	12.59	14.25	11.76	8.33	9.40	4.71	5.08	6.24	4.50
25	4.52	7.53	12.79	12.31	14.13	10.96	8.39	9.59	4.83	5.12	6.22	4.36
26	4.51	8.27	12.71	11.90	13.94	10.48	8.60	9.49	5.07	5.61	6.07	4.27
27	4.41	9.10	12.81	11.63	14.07	10.63	8.35	8.87	5.62	5.97	6.00	4.10
28	4.45	10.12	13.50	11.59	14.34	11.55	7.84	8.17	6.01	5.87	6.33	3.92
29	4.48	10.83	13.47	11.76	14.70	---	7.53	7.50	5.80	5.76	6.55	3.79
30	4.48	11.18	13.68	11.94	---	---	7.56	6.98	5.49	5.55	6.35	3.71
31	4.45	---	14.73	12.00	---	---	---	6.55	---	5.71	6.17	---
MAX	5.17	11.18	14.73	15.12	14.70	15.45	14.81	12.05	6.44	7.47	8.65	6.85
MIN	4.41	2.24	11.30	11.40	9.60	10.48	7.53	6.55	4.40	4.90	6.00	3.71

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MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS

LOCATION.--Lat 31°00'30", long 91°37'25", in lot 6, T. 1 N., R. 5 W., Wilkinson County, Hydrologic Unit 08060100, near left bank at Tarbert Landing, 2.5 mi upstream from Lower Old River, 8.2 mi downstream from inlet channel to Old River Control Structure, and at river mile 306.3.

DRAINAGE AREA.--1,124,900 mi^2, contributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1983 (see NOTE). Elevation, intermittently, 1932 to September 1981 discharge, intermittently, 1911-13, 1928-29, and 1932-35; and discharges computed daily since 1936 are in reports of Corps of Engineers. Elevations published for water years 1973 - 1981 are those of Mississippi River at Red River Landing, La. and are not those for this location.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Water-stage recorder for Mississippi River at Red River Landing, La. (station 07373290) used as supplementary gage for this station.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. Since July 12, 1963, all of the Red River flow is noncontributing and controlled diversion of the Mississippi River flow into Atchafalaya River basin by way of Old River Control Structure.

COOPERATION.--Records of daily discharges furnished by Corps of Engineers.

AVERAGE DISCHARGE.--11 years (water years 1973-83), 531,000 ft^3/s, 384,600,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,500,000 ft^3/s May 16, 1973, elevation, 54.61 ft; minimum daily, 145,000 ft^3/s Jan. 28, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed since at least 1936, 1,980,000 ft^3/s Feb. 19, 1937; minimum, 85,000 ft^3/s Nov. 4, 1939.

EXTREMES FOR CURRENT YEAR.--Water year 1983: Maximum daily discharge, 1,470,000 ft^3/s May 28 to June 6; minimum daily, 200,000 ft^3/s Sept. 25.

NOTE.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	286000	241000	412000	1110000	659000	707000	650000	1200000	1470000	695000	374000	242000
2	282000	240000	437000	1130000	678000	703000	652000	1210000	1470000	673000	377000	247000
3	275000	238000	504000	1140000	671000	696000	661000	1200000	1470000	647000	381000	236000
4	267000	238000	599000	1150000	669000	685000	669000	1200000	1470000	612000	378000	232000
5	261000	237000	600000	1160000	671000	694000	676000	1200000	1470000	582000	368000	239000
6	255000	235000	629000	1160000	687000	720000	737000	1180000	1470000	563000	356000	246000
7	249000	235000	687000	1170000	701000	713000	807000	1170000	1460000	557000	345000	249000
8	250000	235000	741000	1180000	711000	698000	827000	1160000	1450000	547000	332000	249000
9	256000	237000	780000	1190000	715000	698000	842000	1150000	1440000	543000	321000	249000
10	260000	240000	827000	1190000	737000	694000	852000	1160000	1430000	539000	313000	248000
11	259000	246000	895000	1200000	758000	694000	863000	1160000	1410000	540000	303000	252000
12	258000	254000	927000	1200000	773000	696000	881000	1170000	1400000	545000	297000	243000
13	258000	264000	950000	1190000	792000	705000	901000	1180000	1380000	546000	294000	232000
14	258000	268000	972000	1180000	809000	720000	929000	1190000	1360000	543000	292000	220000
15	265000	273000	990000	1160000	822000	730000	963000	1200000	1340000	534000	288000	218000
16	265000	273000	1020000	1140000	822000	735000	983000	1210000	1310000	523000	284000	221000
17	264000	274000	1040000	1120000	818000	743000	1010000	1230000	1290000	511000	277000	224000
18	264000	272000	1050000	1090000	809000	743000	1030000	1250000	1250000	499000	273000	224000
19	262000	271000	1070000	1050000	794000	735000	1050000	1270000	1210000	485000	267000	219000
20	260000	276000	1090000	1010000	781000	724000	1070000	1310000	1160000	473000	263000	222000
21	266000	279000	1090000	977000	764000	709000	1090000	1350000	1110000	464000	259000	226000
22	267000	279000	1100000	937000	754000	694000	1110000	1390000	1050000	448000	253000	220000
23	264000	283000	1090000	885000	741000	673000	1130000	1400000	942000	435000	247000	208000
24	265000	286000	1090000	832000	730000	657000	1150000	1420000	900000	423000	245000	203000
25	262000	307000	1080000	792000	716000	649000	1160000	1440000	862000	411000	240000	200000
26	260000	331000	1070000	743000	711000	632000	1170000	1450000	826000	402000	236000	201000
27	258000	346000	1090000	698000	709000	623000	1180000	1460000	786000	394000	234000	211000
28	254000	368000	1100000	664000	709000	622000	1190000	1470000	755000	387000	232000	215000
29	249000	383000	1100000	645000	---	627000	1200000	1470000	736000	379000	230000	216000
30	247000	398000	1100000	633000	---	635000	1200000	1470000	713000	374000	237000	218000
31	244000	---	1110000	628000	---	645000	---	1470000	---	373000	239000	---
TOTAL	8090000	8307000	28240000	31354000	20711000	21399000	28633000	39790000	36390000	15647000	9035000	6830000
MEAN	261000	276900	911000	1011000	739700	690300	954400	1284000	1213000	504700	291500	227700
MAX	286000	398000	1110000	1200000	822000	743000	1200000	1470000	1470000	695000	381000	252000
MIN	244000	235000	412000	628000	659000	622000	650000	1150000	713000	373000	230000	200000
AC-FT	16050000	16480000	56010000	62190000	41080000	42440000	56790000	78920000	72180000	31040000	17920000	13550000

CAL YR 1982 TOTAL 198690000 MEAN 544400 MAX 1110000 MIN 235000 AC-FT 394100000
WTR YR 1983 TOTAL 254426000 MEAN 697100 MAX 1470000 MIN 200000 AC-FT 504700000

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-83.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1983.

REMARKS.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 01100.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 2,150,000 tons Apr. 7, 1983; minimum daily, 24,000 tons Aug. 15, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	STREAMFLOW, INSTANTANEOUS (CFS)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
05...	239000	277	179000	87
19...	258000	210	146000	83
NOV				
01...	251000	208	141000	87
15...	285000	213	164000	87
DEC				
03...	576000	507	788000	79
14...	1030000	604	1680000	78
29...	1110000	199	596000	94
JAN				
13...	1200000	229	742000	95
27...	700000	303	572000	72
FEB				
10...	747000	264	533000	65
23...	738000	257	512000	55
MAR				
10...	697000	332	625000	82
24...	635000	255	437000	86
APR				
07...	801000	992	2150000	99
MAY				
06...	1090000	142	418000	81
30...	1410000	177	676000	69
JUN				
15...	1240000	156	522000	69
29...	629000	224	380000	84
JUL				
13...	514000	350	486000	95
27...	382000	281	290000	93
AUG				
24...	221000	159	95100	88
SEP				
08...	219000	210	124000	95
22...	204000	187	103000	92

MISSISSIPPI RIVER MAIN STEM

07295100 MISSISSIPPI RIVER AT TARBERT LANDING, MS--Continued

SUSPENDED-SEDIMENT DISCHARGE (TONS/DAY), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	190000	141000	561000	619000	511000	541000	1340000	608000	660000	387000	246000	107000
2	189000	140000	629000	634000	522000	547000	1390000	567000	654000	389000	243000	111000
3	186000	139000	775000	643000	511000	551000	1470000	527000	648000	388000	241000	107000
4	181000	139000	945000	656000	505000	551000	1550000	490000	642000	380000	234000	107000
5	179000	139000	949000	670000	502000	570000	1620000	456000	636000	374000	222000	113000
6	171000	137000	1000000	679000	510000	605000	1860000	417000	628000	375000	210000	116000
7	164000	137000	1110000	690000	517000	609000	2140000	417000	617000	387000	198000	122000
8	163000	137000	1220000	701000	521000	606000	2050000	417000	607000	395000	186000	124000
9	165000	139000	1290000	714000	519000	617000	1950000	418000	599000	408000	175000	124000
10	165000	141000	1380000	722000	532000	624000	1840000	424000	586000	422000	167000	123000
11	162000	145000	1520000	731000	547000	648000	1740000	430000	528000	441000	158000	124000
12	159000	151000	1580000	737000	557000	675000	1660000	438000	561000	464000	151000	119000
13	157000	157000	1630000	741000	571000	712000	1580000	444000	549000	485000	146000	113000
14	154000	160000	1680000	753000	583000	757000	1520000	453000	535000	477000	142000	106000
15	157000	164000	1580000	758000	591000	799000	1480000	461000	522000	463000	137000	104000
16	155000	172000	1510000	760000	589000	836000	1410000	473000	522000	448000	132000	105000
17	152000	181000	1430000	761000	584000	879000	1350000	484000	527000	432000	126000	107000
18	150000	188000	1340000	754000	575000	913000	1290000	497000	522000	416000	121000	106000
19	146000	197000	1260000	743000	561000	937000	1230000	514000	514000	398000	116000	103000
20	145000	211000	1190000	733000	548000	957000	1170000	535000	503000	383000	112000	105000
21	150000	224000	1100000	721000	533000	971000	1110000	562000	490000	371000	107000	106000
22	151000	235000	1030000	705000	523000	984000	1060000	582000	476000	353000	102000	103000
23	150000	250000	945000	678000	511000	987000	1000000	595000	430000	338000	98000	94000
24	151000	265000	870000	648000	512000	998000	950000	611000	419000	324000	95000	89000
25	150000	302000	793000	628000	510000	1020000	898000	624000	410000	310000	94000	85000
26	149000	345000	730000	599000	515000	1030000	844000	635000	401000	299000	94000	83000
27	149000	380000	692000	572000	523000	1050000	790000	649000	389000	289000	95000	86000
28	147000	428000	642000	535000	533000	1090000	742000	658000	381000	278000	95000	85000
29	144000	469000	596000	513000	---	1140000	696000	667000	380000	266000	96000	83000
30	143000	514000	602000	498000	---	1210000	651000	673000	382000	256000	101000	82000
31	142000	---	608000	488000	---	1280000	---	667000	---	250000	104000	---
TOTAL	4916000	6527000	33187000	20784000	15016000	25694000	40381000	16393000	15718000	11646000	4544000	3144000
MEAN	159000	218000	1070000	670000	536000	829000	1350000	529000	524000	376000	147000	105000
MAX	190000	514000	1680000	761000	591000	1280000	2140000	673000	660000	485000	246000	124000
MIN	142000	137000	561000	488000	502000	541000	651000	417000	380000	250000	94000	82000

WTR YR 1983 TOTAL 197950000 MEAN 542000 MAX 2140000 MIN 82000 DAYS 365

07344400 RED RIVER NEAR HOSSTON, LA

LOCATION.--Lat 32°53'35", long 93°49'20", in SE1/4SW1/4 sec.16, T.22 N., R.14 W., Bossier-Caddo Parish line, Hydrologic Unit 11140202, near left bank on downstream side of bridge on State Highway 2, 1.8 mi downstream from Dry Bayou, and 3.2 mi east of Hosston.

DRAINAGE AREA.--57,041 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to current year (daily gage heights and discharges below 5,000 ft^3/s only).

GAGE.--Nonrecording gage read once daily. Datum of gage is 161.56 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 20, 1962, water-stage recorder at same site and datum.

REMARKS.--Records good, except those for the period of no gage-height record, Dec. 22 to Jan. 23, which are fair. Regulation since July 1942 by Lake Texoma (capacity, 5,392,000 acre-ft), since July 1953 by Texarkana Reservoir (capacity, 2,654,300 acre-ft), and since August 1966 by Millwood Lake (capacity, 1,854,900 acre-ft).

AVERAGE DISCHARGE.--11 years (water years 1958-68), 17,920 ft^3/s, 12,980,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 214,00 ft^3/s May 7, 1958, gage height, 27.89 ft; minimum daily, 803 ft^3/s Sept. 16, 17, 1972.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.36 ft Mar. 31; minimum discharge, 2,070 ft^3/s Sept. 21, 24, 25; gage height, 1.00 ft, from graph based on gage readings.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3190			---								3860
2	3170			---								4380
3	2680			---								4770
4	2630			---	4680							4310
5	3880			---	4270						4470	4480
6				---	4350						3690	4700
7	4900			---	4400						3470	4570
8	4310			---	4720						4160	4380
9				---	4920						4530	3650
10				---							4860	3210
11				---								3070
12				---								3540
13	4860			---								4240
14	4420			---								4660
15	4220			---								
16	4030			---								4440
17	3560			---								4330
18	2690			---					4810			3510
19	2490			---					4920		4240	2780
20	2500			---							3360	2330
21	3120			---							2960	2090
22	4090		---	---						4940	3170	2150
23			---	---						4240	3670	2150
24			---							4310	3880	2100
25	4570		---								3950	2210
26	3900		---								4140	3720
27	4220		---								4420	
28			---								4640	
29			---								4530	
30			---								4240	
31			---								3970	
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	2490	---	---	---	4270	---	---	---	4810	4240	2960	2090

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07344400 RED RIVER NEAR HOSSTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.88	11.22	6.31	---	3.65	10.20	15.04	7.52	4.45	3.12	3.12	2.05
2	1.67	11.63	6.40	---	3.48	11.14	14.51	6.86	5.75	2.87	2.73	2.30
3	1.38	10.87	6.52	---	3.15	11.02	13.92	7.33	5.83	2.86	2.75	2.48
4	1.35	10.36	6.84	---	2.44	10.72	13.47	8.75	6.20	3.07	2.72	2.27
5	2.06	10.16	7.56	---	2.25	10.33	12.88	13.68	6.70	3.47	2.48	2.35
6	2.91	10.22	8.27	---	2.29	10.40	12.20	15.03	5.37	3.94	1.96	2.45
7	2.54	10.07	8.22	---	2.31	10.23	11.89	15.08	4.53	4.52	1.84	2.39
8	2.27	9.49	8.13	---	2.46	9.31	11.56	14.23	4.17	4.67	2.20	2.30
9	2.48	9.67	8.01	---	2.55	8.73	11.26	13.61	4.53	4.43	2.37	1.94
10	2.64	9.82	7.80	---	2.73	8.23	11.34	12.98	3.47	4.64	2.52	1.69
11	2.67	9.80	7.60	---	2.78	8.14	12.08	12.37	2.93	4.50	2.70	1.61
12	2.69	8.79	7.33	---	3.96	8.48	12.50	12.05	2.95	4.08	2.67	1.88
13	2.52	8.24	6.85	---	5.03	9.61	12.76	11.83	3.08	3.86	2.69	2.24
14	2.32	8.15	6.21	---	6.23	9.75	12.61	11.42	3.10	3.67	2.68	2.43
15	2.23	7.97	6.39	---	9.10	11.46	12.08	10.73	3.04	3.26	2.67	2.61
16	2.14	7.36	6.58	---	10.51	13.65	11.56	8.67	3.02	2.91	2.86	2.33
17	1.89	6.72	6.60	---	10.55	13.27	11.24	7.94	2.84	3.12	3.08	2.25
18	1.39	6.49	6.66	---	10.18	13.67	10.76	7.82	2.50	3.50	2.80	1.86
19	1.26	6.13	6.85	---	9.39	12.73	10.21	7.20	2.55	3.62	2.24	1.44
20	1.27	6.10	6.94	---	8.85	12.25	9.66	6.20	3.27	3.57	1.78	1.16
21	1.64	6.10	6.89	---	8.56	12.24	8.87	5.11	3.74	3.15	1.55	1.01
22	2.17	6.12	---	---	8.23	12.08	8.27	5.08	4.61	2.56	1.67	1.05
23	2.84	6.11	---	---	8.25	12.12	8.03	5.63	4.02	2.24	1.95	1.05
24	2.84	6.08	---	4.09	7.26	12.27	8.45	5.96	3.37	2.27	2.06	1.02
25	2.39	6.07	---	4.54	6.70	12.28	9.52	6.15	3.91	2.76	2.10	1.09
26	2.07	6.55	---	4.61	6.52	12.53	10.21	6.27	3.84	3.13	2.19	1.98
27	2.23	6.87	---	4.50	6.99	13.52	10.58	6.07	3.07	3.26	2.32	4.03
28	2.64	6.57	---	4.35	7.96	14.03	10.34	5.88	2.94	3.53	2.42	4.30
29	5.52	6.37	---	4.77	8.57	14.57	9.26	5.58	3.18	3.62	2.37	4.24
30	9.84	6.20	---	3.96	---	15.22	8.36	5.34	3.28	3.45	2.24	4.28
31	10.29	---	---	3.75	---	15.30	---	4.87	---	3.40	2.11	---
MAX	10.29	11.63	8.27	---	10.55	15.30	15.04	15.08	6.70	4.67	3.12	4.30
MIN	1.26	6.07	6.31	---	2.25	8.14	8.03	4.87	2.50	2.24	1.55	1.01

07344400 RED RIVER NEAR HOSSTON, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1957 to September 1984.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1957 to September 1984.
WATER TEMPERATURES: March 1957 to September 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 2,030 micromhos June 24, 1978; minimum daily, 124 micromhos Apr. 24, 1979.
WATER TEMPERATURES: Maximum daily, 34.0°C July 12, 13, 21, 1969; minimum daily, 0.0°C Feb. 8, 1978.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 1,500 micromhos Nov. 4; minimum daily, 171 micromhos Oct. 18.
WATER TEMPERATURES: Maximum daily, 32.0°C July 17, Aug. 18; minimum daily, 4.0°C Jan. 24.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1110	1350	1060	820	658	386	278	325	298	1060	839	1400
2	1110	636	933	---	653	364	285	352	493	1150	851	1380
3	1060	842	1050	---	764	353	298	504	720	1200	1070	1450
4	1070	1500	636	---	---	285	325	625	896	1070	1250	1290
5	1040	549	650	---	736	284	347	332	390	1140	1320	1380
6	1050	618	560	---	920	245	---	324	347	1200	1210	1420
7	1120	1350	370	---	735	223	352	279	412	1020	1100	1260
8	1040	1280	510	---	---	312	416	212	506	909	1050	1350
9	1030	1280	554	---	663	415	450	219	592	1110	1310	1340
10	1040	1260	432	---	573	476	405	270	720	940	1050	1380
11	1060	1270	317	---	506	430	318	315	723	1000	1010	1330
12	1070	1060	424	---	483	352	337	279	815	902	857	1330
13	1230	550	462	---	395	338	419	284	872	882	921	1270
14	1220	1220	447	---	456	527	439	275	1000	849	867	866
15	1220	1220	484	---	407	630	525	288	956	957	769	948
16	443	606	408	---	309	519	475	333	883	995	833	846
17	243	1180	456	---	265	304	431	497	1010	1130	874	876
18	171	1190	446	---	246	355	370	379	1050	1230	867	896
19	203	660	299	---	254	367	470	396	1000	1080	961	884
20	325	1170	348	---	214	375	437	406	970	1060	1180	834
21	546	709	454	---	209	366	435	544	1160	1060	1000	810
22	291	1170	---	---	206	410	531	657	1140	1120	919	886
23	252	1170	---	---	256	412	521	624	1400	1240	972	994
24	204	1030	---	490	324	437	590	459	1370	1310	1080	972
25	443	1040	---	515	520	419	---	456	1310	1380	1060	935
26	442	850	---	635	540	---	405	393	1340	1340	1140	921
27	638	453	---	834	504	389	---	408	1290	1200	1340	300
28	252	1020	---	---	493	393	414	621	1260	1250	1240	268
29	493	1020	---	744	360	375	487	555	1300	1110	1220	263
30	---	1040	---	701	---	307	312	343	1240	928	1230	252
31	1280	---	---	698	---	256	---	294	---	820	1320	---
MAX	1280	1500	---	---	920	630	590	657	1400	1380	1340	1450
MIN	171	453	---	---	206	223	278	212	298	820	769	252

07344400 RED RIVER NEAR HOSSTON, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	20.0	13.0	7.0	10.5	10.0	17.5	19.0	21.5	29.5	26.0	28.0
2	24.0	19.5	13.0	---	10.0	10.0	14.0	20.5	25.0	29.5	26.0	29.0
3	26.5	20.0	13.5	---	10.5	11.0	14.5	21.0	26.0	30.0	28.0	28.0
4	24.0	20.5	13.0	---	---	13.5	13.5	20.0	25.5	30.0	27.5	27.0
5	24.0	20.5	13.0	---	8.0	9.5	14.0	21.0	25.5	29.0	29.5	28.0
6	26.5	19.5	12.0	---	7.5	10.0	---	21.0	24.0	30.5	27.0	28.0
7	23.0	20.0	12.0	---	9.0	12.5	16.0	22.0	27.0	31.5	28.5	27.5
8	23.0	19.0	11.5	---	---	11.0	17.0	19.5	26.0	31.5	27.0	28.0
9	21.0	19.0	11.5	---	10.0	10.5	17.0	21.5	26.5	31.5	28.5	28.0
10	21.0	18.5	13.0	---	14.5	10.0	17.0	22.0	27.0	30.5	29.0	29.0
11	21.0	18.5	13.0	---	15.5	11.5	17.0	22.5	28.0	29.5	30.0	29.5
12	21.0	17.0	13.5	---	14.5	12.5	18.0	23.5	28.0	30.0	29.5	29.5
13	21.0	17.0	13.5	---	14.5	13.5	18.0	24.5	29.0	29.0	28.0	30.5
14	18.5	16.5	13.0	---	15.0	14.5	18.5	25.0	30.0	29.5	26.5	31.0
15	17.0	16.5	13.0	---	14.0	17.0	16.5	25.0	30.0	30.0	28.0	26.5
16	17.0	15.5	12.0	---	13.0	16.0	16.0	24.5	29.0	31.5	30.0	24.0
17	19.5	15.5	11.5	---	13.5	17.5	16.5	25.0	30.0	32.0	29.0	25.0
18	20.0	16.0	11.5	---	12.0	18.0	18.0	25.0	29.0	30.0	32.0	25.0
19	21.5	16.0	11.5	---	11.5	13.5	17.0	24.0	29.5	30.5	30.0	25.0
20	21.0	16.5	11.5	---	10.5	14.0	19.0	23.0	30.5	30.5	31.0	23.5
21	21.5	16.5	11.0	---	10.5	13.5	21.5	24.5	31.5	30.0	31.0	24.0
22	21.5	16.5	---	---	12.0	16.0	19.0	25.5	31.5	31.0	31.0	24.5
23	20.0	16.0	---	---	13.0	15.0	19.0	25.0	31.5	29.0	29.5	26.0
24	20.0	15.5	---	4.0	12.0	15.0	20.0	26.0	30.5	30.5	30.0	26.5
25	19.0	15.5	---	6.5	12.0	17.0	---	26.5	30.5	29.0	30.0	26.0
26	18.0	15.5	---	7.0	12.0	---	18.0	27.0	28.5	30.5	30.0	24.5
27	18.5	15.0	---	6.5	10.0	18.0	---	27.0	27.5	28.5	30.5	21.5
28	18.5	13.0	---	---	9.0	19.0	22.0	26.0	30.0	28.0	30.0	20.0
29	18.5	13.5	---	10.0	9.5	14.0	22.0	22.5	29.5	28.5	28.5	19.0
30	---	13.5	---	8.0	---	15.0	21.5	24.0	30.0	28.5	28.0	19.0
31	19.5	---	---	8.0	---	14.0	---	24.0	---	29.0	29.5	---
MAX	26.5	20.5	---	---	15.5	19.0	22.0	27.0	31.5	32.0	32.0	31.0
MIN	17.0	13.0	---	---	7.5	9.5	13.5	19.0	21.5	28.0	26.0	19.0

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07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)

LOCATION.--Lat 32°32'57", long 93°45'51", in lot 14, T.18 N., R.14 W., Caddo Parish, Hydrologic Unit 11140202, near right bank, 2.7 mi northeast of Shreveport Courthouse, 4.9 mi upstream from mouth of Cross Bayou, 5.4 mi upstream from gaging station at Illinois Central Railroad bridge at Shreveport (Station 07348500), and at mile 282.5.

DRAINAGE AREA.--57,100 mi^2, approximately, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1974 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1976 to September 1977.
WATER TEMPERATURES: October 1974 to September 1975, October 1976 to September 1977.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 1,880 micromhos June 5, 6, 1977; minimum daily, 163 micromhos Mar. 17, 1977.
WATER TEMPERATURES: Maximum daily, 32.0°C July 25, 1977; minimum daily, 4.5°C Jan. 19, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 2.5 C was observed Jan. 15, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 12...	1500	935	7.5	20.5	5	15	9.0	26	3.3	8400	92	8600
NOV 03...	1130	1370	7.7	19.5	10	200	8.1	13	1.8	K1000	K65	10000
DEC 07...	0830	665	7.3	9.5	50	85	10.2	17	2.5	2600	300	2700
JAN 17...	1500	399	6.8	3.5	30	35	--	13	--	800	K12	610
FEB 22...	1500	190	7.2	12.0	60	90	10.1	21	2.0	K240	--	560
MAR 22...	1430	349	7.7	15.0	60	140	9.4	<10	1.6	1300	K30	1300
APR 04...	1100	284	7.8	14.5	70	140	9.4	--	2.5	2200	K160	K260
MAY 09...	1120	194	7.6	20.5	80	220	7.0	15	1.9	1200	170	130
JUN 07...	1115	352	7.7	24.5	30	40	7.7	17	1.4	1100	72	66
JUL 06...	1100	1140	8.4	29.5	10	9.0	8.2	16	.4	620	130	9800
AUG 14...	1200	831	8.3	27.5	10	20	8.3	23	2.9	920	240	K52
SEP 11...	1140	1290	8.1	28.0	10	15	7.6	18	4.3	2200	K20	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
OCT 12...	210	55	17	133	110	140	546
NOV 03...	270	72	22	127	--	--	772
DEC 07...	120	31	11	73	--	--	373
JAN 17...	95	27	6.6	77	40	49	236
FEB 22...	53	16	3.2	42	--	--	117
MAR 22...	83	25	4.9	47	37	47	204
APR 04...	71	22	3.9	59	29	31	161
MAY 09...	64	20	3.5	57	17	13	129
JUN 07...	90	26	6.2	65	50	57	200
JUL 06...	260	70	21	146	130	190	709
AUG 14...	200	53	16	139	86	130	470
SEP 11...	280	73	23	143	6.5	320	872

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 12...	1	.02	<.1	1.3	.07	.06	6.6
NOV 03...	390	.01	.1	1.6	.09	.03	9.6
DEC 07...	170	.03	.5	.3	.19	.16	8.0
JAN 17...	74	.02	.3	.9	.11	.06	6.7
FEB 22...	145	.03	.2	.7	.15	.06	6.7
MAR 22...	246	.04	.3	.6	.16	.06	8.7
APR 04...	138	.05	.3	.8	.97	.07	12
MAY 09...	354	.05	.3	3.3	.09	.08	8.4
JUN 07...	73	.02	<.1	1.3	.08	.03	5.4
JUL 06...	35	<.01	<.1	.6	.08	.03	--
AUG 14...	68	.01	<.1	1.2	.10	.07	5.6
SEP 11...	38	<.01	<.1	1.3	.04	.04	2.9

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)
OCT 12...	1	<10	1	10	3	850	7	150	<.1	3	<1
JAN 17...	2	<10	1	20	13	2000	5	70	<.1	4	<1
APR 04...	2	<10	<1	10	9	6500	9	240	.2	10	<1
JUL 06...	2	<10	1	<10	3	600	4	120	.4	1	<1

DATE	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT 12...	10	<.01	3	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN 17...	20	<.01	12	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR 04...	40	<.01	8	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL 06...	10	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

DATE	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHYL PARATHION, TOTAL (UG/L)
OCT 12...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN 17...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR 04...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL 06...	.03	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07344410 RED RIVER ABOVE SHREVEPORT, LA (CE 04225)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT											
12...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN											
17...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR											
04...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL											
06...	.03	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
12...	<.01	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01
JAN										
17...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01
APR										
04...	<.01	<.01	<.01	<.1	<1	<.01	.07	<.01	<.01	<.01
JUL										
06...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	.02	<.01

< Actual value is known to be less than the value shown.

07344450 PAW PAW BAYOU NEAR GREENWOOD, LA

LOCATION.--Lat 32°31'00", long 93°58'20", in SE1/4SW1/4 sec.26, T.18 N., R.16 W., Caddo Parish, Hydrologic Unit 11140304, near center of span on downstream side of bridge on State Highway 169, 1.0 mi upstream from Cross Lake, 5.1 mi north of Greenwood, and 11 mi west of Shreveport.

DRAINAGE AREA.--80.5 mi^2.

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR LA-78-1: Drainage area. WDR LA-79-1: 1957(P), 1958, 1958-62(P), 1964(P), 1966(P), 1969(P), 1973-75(P).

GAGE.--Water-stage recorder. Datum of gage is 170.35 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--29 years, 64.7 ft^3/s, 10.91 in/yr, 46,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft^3/s Apr. 27, 1958, gage height, 13.84 ft from rating curve extended above 8,100 ft^3/s; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	0430	1220	9.36	Feb. 28	0430	1230	9.38
Feb. 13	0700	2220	10.40	May 8	1345	*5290	*11.60

No flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	4.2	9.0	13	110	13	3.9	1.5	1.1	.51	.00
2	.00	.00	3.3	7.8	13	54	12	7.2	.99	.59	2.1	.00
3	.00	.00	33	8.4	14	41	12	110	1.7	.18	50	.00
4	.00	.00	207	8.3	15	42	12	129	1.7	.01	3.6	.00
5	.00	.00	223	8.5	16	337	11	25	2.4	.00	2.4	.00
6	.00	.00	39	8.5	15	600	9.6	11	2.8	.00	2.3	.36
7	.00	.00	12	9.2	14	592	8.7	134	3.4	.00	58	.76
8	.00	.00	7.5	8.8	13	191	8.3	3130	11	.00	7.8	.59
9	.00	.00	5.3	11	15	70	7.9	1400	4.6	.00	2.9	.42
10	.00	.00	85	34	22	44	9.2	676	3.3	.00	1.8	.14
11	.00	.00	701	121	34	34	358	92	2.6	.00	1.2	.00
12	.00	.00	1100	75	930	81	771	17	2.3	.00	.75	.00
13	.00	.00	589	37	1700	332	473	8.1	1.8	.00	.54	.00
14	.00	.00	85	25	927	369	67	5.5	1.5	18	.41	.00
15	.00	.00	27	20	369	114	26	4.4	1.2	6.9	.27	.00
16	.00	.00	20	22	222	62	17	3.5	1.1	2.2	.09	.00
17	.00	.00	40	23	276	45	13	2.9	.99	1.2	.00	.00
18	.00	.00	114	21	118	37	11	2.3	.68	.51	.00	.00
19	.00	.00	177	20	67	31	9.9	1.7	.52	.18	.00	.00
20	.00	.00	163	19	47	24	9.2	1.6	.36	.00	.00	.00
21	.00	.00	75	14	36	19	8.5	28	.23	.00	.00	.00
22	.00	.00	92	14	28	15	7.5	245	.07	.00	.00	.03
23	.00	1.8	94	27	24	15	6.5	301	.00	.00	.00	.00
24	.00	5.0	51	102	22	14	5.5	32	.00	.00	.00	.00
25	.00	6.5	35	81	19	13	4.8	8.0	.00	.00	.00	.00
26	.00	5.3	20	41	73	13	4.2	4.7	.00	.00	.00	.33
27	.00	4.2	12	28	709	14	3.9	3.5	.00	.00	.00	.04
28	.00	3.4	11	22	1080	44	3.6	2.9	.24	.00	.00	.00
29	.00	3.0	11	18	559	41	3.3	2.4	2.2	.00	.00	.00
30	.00	5.8	10	16	---	23	3.4	2.5	1.8	.00	.00	.00
31	.00	---	10	16	---	16	---	2.2	---	.25	.00	---
TOTAL	.00	35.00	4056.3	875.5	7390	3437	1910.0	6397.3	50.98	31.12	134.67	2.67
MEAN	.00	1.17	131	28.2	255	111	63.7	206	1.70	1.00	4.34	.09
MAX	.00	6.5	1100	121	1700	600	771	3130	11	18	58	.76
MIN	.00	.00	3.3	7.8	13	13	3.3	1.6	.00	.00	.00	.00
CFSM	.00	.01	1.63	.35	3.17	1.38	.79	2.56	.02	.01	.05	.00
IN.	.00	.02	1.87	.40	3.42	1.59	.88	2.96	.02	.01	.06	.00
AC-FT	.00	69	8050	1740	14660	6820	3790	12690	101	62	267	5.3

CAL YR 1983 TOTAL 25867.55 MEAN 70.9 MAX 2160 MIN .00 CFSM .88 IN. 11.95 AC-FT 51310
WTR YR 1984 TOTAL 24320.54 MEAN 66.4 MAX 3130 MIN .00 CFSM .82 IN. 11.24 AC-FT 48240

07344450 PAW PAW BAYOU NEAR GREENWOOD, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.85	.84	2.06	---	2.63	5.44	2.80	2.22	2.29	2.20	2.04	---
2	.85	.84	1.95	2.38	2.64	4.33	2.74	2.53	2.20	2.09	2.21	---
3	.84	.84	3.30	2.42	2.68	3.94	2.75	5.34	2.33	1.94	4.26	---
4	.84	.84	5.66	2.42	2.75	3.97	2.72	5.75	2.33	1.83	2.56	---
5	.85	.84	6.75	2.43	2.80	7.27	2.67	3.43	2.44	1.76	2.39	---
6	.85	.84	3.71	2.43	2.73	8.23	2.60	2.77	2.50	1.74	2.37	1.88
7	.85	.84	2.63	2.47	2.69	8.20	2.54	3.84	2.57	1.67	4.59	2.11
8	.85	.84	2.36	2.45	2.67	6.35	2.51	10.69	3.18	1.61	2.91	2.00
9	.84	.84	2.17	2.57	2.75	4.72	2.49	9.58	2.72	1.54	2.47	2.03
10	.84	.84	4.16	3.51	3.10	4.06	2.55	8.36	2.56	1.45	2.30	1.88
11	.84	.84	8.36	5.64	3.61	3.72	7.06	5.11	2.47	1.37	2.20	1.63
12	.85	.84	9.18	4.73	8.74	4.74	8.61	3.41	2.41	1.33	2.11	1.39
13	.84	.84	8.11	3.69	10.00	7.40	7.74	2.95	2.34	1.48	2.06	1.25
14	.84	.84	4.85	3.23	8.90	7.52	4.56	2.75	2.29	3.29	2.02	1.20
15	.84	.84	3.37	3.03	7.58	5.54	3.44	2.63	2.24	2.84	1.96	1.57
16	.84	.84	3.05	3.10	6.82	4.55	3.05	2.53	2.22	2.37	1.88	1.61
17	.84	.84	3.81	3.17	7.17	4.09	2.85	2.45	2.19	2.20	1.78	1.38
18	.84	.84	5.52	3.07	5.63	3.82	2.73	2.36	2.13	2.05	1.71	1.27
19	.84	.84	6.39	3.01	4.60	3.60	2.66	2.28	2.09	1.92	---	1.24
20	.84	.64	6.21	2.98	4.07	3.35	2.62	2.27	2.03	1.79	---	1.21
21	.84	.84	4.79	2.72	3.69	3.13	2.57	3.40	1.97	1.69	---	1.41
22	.84	.85	5.12	2.70	3.41	2.92	2.51	6.94	1.90	1.58	---	1.79
23	.84	1.69	5.17	3.32	3.24	2.88	2.44	7.15	1.83	1.48	---	1.76
24	.84	---	4.20	5.34	3.14	2.88	2.36	3.92	1.73	1.39	---	1.59
25	.84	2.27	---	4.92	3.01	2.81	2.29	2.97	1.66	1.32	---	1.53
26	.84	2.17	---	3.85	4.14	2.79	2.24	2.70	1.67	1.29	---	1.99
27	.84	2.05	---	3.38	8.39	2.84	2.20	2.57	1.80	1.28	---	1.84
28	.84	1.96	---	3.10	9.15	4.03	2.17	2.48	1.97	1.27	---	1.71
29	.84	1.91	---	2.90	8.05	3.94	2.15	2.42	2.36	1.27	---	1.59
30	.84	2.22	---	2.79	---	3.28	2.16	2.44	2.33	1.26	---	1.51
31	.84	---	---	2.78	---	2.94	---	2.39	---	1.92	---	---
MAX	.85	2.27	9.18	5.64	10.00	8.23	8.61	10.69	3.18	3.29	4.59	---
MIN	.84	.84	1.95	---	2.63	2.79	2.15	2.22	1.66	1.26	---	1.20

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 32°38'45", long 93°52'40", in NW1/4NW1/4 sec.14, T.19 N., R.15 W., Caddo Parish, Hydrologic Unit 11140304, near left bank on downstream side of pier of bridge on State Highway 173, 0.1 mi downstream from Cottonwood Bayou, 4.2 mi southwest of Dixie, 5.5 mi downstream from Caddo Lake, and 17.3 mi upstream from mouth.

DRAINAGE AREA.--3,137 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1942 to current year.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 136.12 ft National Geodetic Vertical Datum of 1929. Prior to Sept. 5, 1947, nonrecording gage and Sept. 5, 1947, to June 26, 1978, water-stage recorder at present site. Oct. 1, 1950, to June 26, 1978, at datum 3.88 ft higher and prior to Oct. 1, 1950, at datum 5.88 ft higher.

Nonrecording gage for Twelvemile Bayou near Mooringsport (station 07347950) used as supplementary gage June 27, 1978, to May 7, 1981. Datum of supplementary gage, 140.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

Water-stage recorder for Twelvemile Bayou below Dixie (station 07348010) used as auxiliary gage for this station. Prior to May 7, 1981, nonrecording gage for Red River at Shreveport (station 07348500) used as auxiliary gage.

REMARKS.--Records good. Flow regulated by three reservoirs (combined usuable capacity, 1,033,700 acre-ft of which 587,0200 acre-ft is available for storage) since August 1957.

AVERAGE DISCHARGE.--42 years, 2,512 ft^3/s, 1,820,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,400 ft^3/s May 5, 1958; maximum daily reverse flow, 50 ft^3/s Aug. 5, 1975 (backwater from Red River); maximum gage height, 41.53 ft Apr. 5, 1945, and May 5, 1958, present datum; minimum discharge (unaffected by backwater), 0.08 ft^3/s Aug. 24, 1972.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,170 ft^3/s Feb. 16, gage height, 18.61 ft; minimum daily, 3.9 ft^3/s Oct. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	26	25	920	868	3950	3060	1300	47	12	11	6.3
2	9.1	19	30	882	823	3570	3100	1200	35	12	12	6.7
3	9.6	14	850	871	820	3390	3380	1100	27	14	13	9.3
4	9.9	69	1760	859	810	3330	3560	950	19	13	15	9.2
5	9.1	119	1510	844	968	4180	3080	860	21	14	17	8.2
6	7.4	154	1520	819	797	4780	2730	720	34	13	16	10
7	8.3	188	1180	791	699	4820	2440	733	42	12	18	12
8	7.2	135	1020	766	636	4630	2700	820	39	12	25	13
9	7.6	13	968	763	776	4110	2560	788	33	13	27	12
10	7.8	13	1330	991	789	3870	2270	766	29	13	35	11
11	10	13	4470	1030	783	3700	3810	632	25	13	30	9.9
12	11	13	4900	1000	3280	3780	4050	567	23	12	25	7.5
13	7.8	13	4500	1090	5760	4110	3790	531	17	17	21	6.6
14	9.3	14	4440	930	5800	4040	3550	493	13	14	15	5.8
15	9.2	14	3910	974	5680	3880	3080	452	13	13	14	7.5
16	10	13	3430	1090	6040	3530	2680	447	14	12	12	5.2
17	10	12	3250	1010	5890	3400	2380	400	21	15	9.7	5.0
18	10	12	3010	1100	5920	3240	1970	350	44	13	8.1	5.6
19	11	12	2690	1080	5830	3590	1850	300	48	14	9.1	5.8
20	12	12	2360	937	5340	3610	1750	250	35	14	11	6.1
21	11	13	2380	881	4960	3130	1600	200	26	13	9.7	14
22	6.9	13	2480	842	4530	2890	1500	180	18	12	8.3	23
23	5.3	74	2100	961	4160	2740	1400	160	13	13	7.9	17
24	5.2	104	2050	1190	3880	3190	1300	144	11	13	8.4	16
25	4.0	84	1900	1240	3160	3000	1500	160	11	13	6.2	13
26	3.9	64	1700	1180	3020	2910	1600	173	11	13	6.8	9.5
27	5.8	49	1500	1180	4700	2650	1700	156	15	13	7.2	9.5
28	8.7	37	1100	1110	4900	3650	1800	175	14	13	8.0	8.3
29	10	32	924	1050	4350	3560	1600	109	13	11	8.4	6.0
30	12	31	719	1050	---	3250	1400	72	13	10	6.6	4.8
31	18	---	799	940	---	3090	---	54	---	10	6.1	---
TOTAL	276.3	1379	64805	30371	95969	111570	73190	15242	724	399	427.5	283.8
MEAN	8.91	46.0	2090	980	3309	3599	2440	492	24.1	12.9	13.8	9.46
MAX	18	188	4900	1240	6040	4820	4050	1300	48	17	35	23
MIN	3.9	12	25	763	636	2650	1300	54	11	10	6.1	4.8
AC-FT	548	2740	128500	60240	190400	221300	145200	30230	1440	791	848	563

CAL YR 1983 TOTAL 788398.3 MEAN 2160 MAX 11300 MIN 3.9 AC-FT 1564000
WTR YR 1984 TOTAL 394636.6 MEAN 1078 MAX 6040 MIN 3.9 AC-FT 782800

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.50	8.63	4.64	8.02	7.89	14.60	16.66	---	4.83	4.60	4.55	4.55
2	4.50	7.68	4.65	7.93	7.74	14.31	16.32	---	4.77	4.59	4.56	4.56
3	4.50	7.42	7.45	7.88	7.74	14.44	16.19	---	4.72	4.60	4.57	4.58
4	4.50	7.62	10.27	7.85	7.70	14.24	15.96	---	4.69	4.59	4.58	4.58
5	4.49	7.75	9.71	7.82	8.13	15.82	15.05	---	4.69	4.60	4.60	4.57
6	4.48	7.78	9.67	7.73	7.62	16.52	14.14	14.26	4.77	4.59	4.60	4.59
7	4.49	7.78	8.75	7.63	7.26	16.59	13.40	14.30	4.82	4.58	4.61	4.61
8	4.48	7.42	8.34	7.53	7.05	16.05	13.51	14.28	4.80	4.58	4.66	4.61
9	4.48	6.64	8.18	7.51	7.52	14.93	13.16	13.69	4.76	4.58	4.70	4.60
10	4.49	5.96	9.09	8.20	7.56	14.42	12.66	12.82	4.73	4.58	4.75	4.59
11	4.51	5.67	15.30	8.33	7.54	14.08	15.46	11.47	4.71	4.58	4.72	4.58
12	4.51	5.63	16.12	8.24	12.96	14.24	16.22	10.80	4.70	4.57	4.69	4.56
13	4.49	5.56	15.39	8.46	17.56	14.87	15.90	10.43	4.66	4.61	4.67	4.56
14	4.50	5.52	15.32	8.05	17.68	14.80	15.62	10.10	4.63	4.59	4.63	4.55
15	4.50	5.37	14.42	8.16	17.58	14.83	14.64	9.57	4.62	4.57	4.61	4.56
16	4.50	5.07	13.57	8.48	18.44	15.35	13.76	8.42	4.63	4.56	4.60	4.54
17	4.51	4.76	13.26	8.25	18.19	15.70	13.04	---	4.68	4.58	4.58	4.54
18	4.50	4.66	12.84	8.50	18.17	15.36	12.19	---	4.81	4.56	4.57	4.55
19	4.51	---	12.22	8.46	17.94	15.56	11.46	---	4.84	4.58	4.58	4.55
20	4.52	---	11.50	8.06	17.04	15.34	11.07	---	4.76	4.58	4.59	4.55
21	4.51	---	11.51	7.92	16.36	14.63	---	---	4.70	4.57	4.58	4.61
22	4.48	4.60	11.77	7.81	15.56	14.17	---	---	4.65	4.56	4.57	4.68
23	4.46	4.95	10.94	8.11	14.88	13.92	---	---	4.61	4.57	4.57	4.64
24	4.46	5.10	10.81	8.75	14.38	14.59	---	5.30	4.59	4.57	4.57	4.63
25	4.45	4.99	---	8.89	13.10	14.42	---	5.39	4.59	4.57	4.55	4.61
26	4.45	4.88	---	8.73	12.83	14.38	---	5.46	4.60	4.57	4.56	4.58
27	4.47	4.80	---	8.71	15.83	14.47	---	5.37	4.62	4.57	4.56	4.57
28	4.49	4.72	9.14	8.53	16.22	16.39	---	5.48	4.61	4.57	4.57	4.56
29	4.80	4.69	8.87	8.36	15.31	16.59	---	5.14	4.60	4.55	4.57	4.54
30	7.96	4.67	8.55	8.38	---	16.80	---	4.97	4.60	4.55	4.56	4.53
31	8.98	---	8.25	8.07	---	16.86	---	4.87	---	4.55	4.55	---
MAX	8.98	8.63	16.12	8.89	18.44	16.86	16.66	14.30	4.84	4.61	4.75	4.60
MIN	4.45	---	4.64	7.51	7.05	13.92	---	4.87	4.59	4.55	4.55	4.53

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1953-55, 1958-60, 1969-70, 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1978 to September 1981.
WATER TEMPERATURES: April 1978 to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 3,970 micromhos Oct. 20, 1980; minimum daily, 76 micromhos Feb. 12, 1980.
WATER TEMPERATURES: Maximum daily, 36.0°C June 27, 1978; minimum daily, 4.0°C Jan. 14, Feb. 7, 1979.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 1.5°C was observed Jan. 19, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 19...	1100	10	2130	7.5	23.5	5	4.4	9.2	1.3	K12	K140
JAN 19...	0845	1080	278	6.7	1.5	30	22	12.9	3.3	K6	K180
APR 10...	1415	2270	161	7.2	19.0	50	10	9.6	1.9	K12	K40
JUL 10...	1445	13	2080	8.0	33.5	5	6.7	8.0	2.1	48	630

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 19...	570	94	82	230	3.1	261	180	430	.3
JAN 19...	44	11	3.8	34	2.6	14	18	64	<.1
APR 10...	28	6.6	2.8	18	2.1	14	13	29	<.1
JUL 10...	490	97	59	230	3.6	256	150	440	.3

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 19...	9.1	1230	1190	<.10	.10	3.8	.02	.01	<.01
JAN 19...	8.4	171	150	<.10	.18	.8	.06	.02	<.01
APR 10...	8.1	101	88	<.10	.10	1.0	.06	<.01	<.01
JUL 10...	10	1440	1140	<.10	.10	.8	.03	<.01	<.01

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07348000 TWELVEMILE BAYOU NEAR DIXIE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
19...	10	1	100	<10	1	<1	<3	2	60	1
JAN										
19...	40	3	91	<.5	<1	<1	<3	5	220	3
APR										
10...	<10	1	72	<1	<1	<1	<3	2	420	2
JUL										
10...	40	2	480	<1	<1	<1	<3	1	6	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
19...	20	470	<.1	<1	4	<1	2	1500	7	20
JAN										
19...	<4	44	.1	<10	1	<1	2	300	<6	18
APR										
10...	7	25	.2	<10	8	<1	2	150	<6	4
JUL										
10...	32	1100	.1	<10	1	<1	2	1700	<6	8

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
JAN			
19...	17	50	59
APR			
10...	16	98	78

< Actual value is known to be less than the value shown.

07348010 TWELVEMILE BAYOU BELOW DIXIE, LA

LOCATION.--Lat 32°36'25", long 93°48'35", in NW1/4SW1/4 sec.28, T.19 N., R.14 W., Caddo Parish, Hydrologic Unit 11140304, at bridge on U.S. Highway 71, 4.0 mi downstream from gaging station Twelvemile Bayou near Dixie (Station 07378000) and 6.0 mi southeast of Dixie.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1979 to current year (gage heights only). February 1962 to September 1979 (annual maximums). Unpublished daily gage heights, August 1978 to September 1979, in files of the Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 134.00 ft National Geodetic Vertical Datum of 1929. Prior to August 1978, nonrecording gage at same site at datum 134.00 ft higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 36.54 ft, present datum, May 7, 1966; minimum, 0.47 ft Sept. 25, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.99 ft Mar. 30; minimum, 6.10 ft Oct. 25, 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.14	10.27	6.22	8.05	7.98	12.66	16.71	8.20	6.38	6.19	6.16	6.15
2	6.14	9.33	6.25	8.00	7.85	12.97	16.29	8.05	6.34	6.19	6.16	6.16
3	6.14	9.08	7.93	7.93	7.88	13.54	15.91	8.32	6.31	6.19	6.17	6.18
4	6.14	9.28	9.63	7.92	7.84	13.33	15.45	8.43	6.27	6.19	6.18	6.18
5	6.13	9.39	9.24	7.91	8.05	14.49	14.77	13.47	6.27	6.20	6.20	6.17
6	6.12	9.42	9.17	7.84	7.69	14.66	13.96	15.82	6.33	6.19	6.18	6.18
7	6.13	9.43	8.56	7.81	7.40	14.72	13.31	15.85	6.37	6.18	6.20	6.18
8	6.13	9.06	8.37	7.72	7.29	14.07	13.14	15.76	6.36	6.18	6.25	6.19
9	6.13	8.28	8.21	7.68	7.35	12.97	12.84	15.26	6.32	6.18	6.27	6.19
10	6.13	7.61	8.78	8.11	7.55	12.44	12.54	14.25	6.31	6.18	6.32	6.18
11	6.15	7.30	12.81	8.23	7.52	12.15	14.50	12.93	6.29	6.18	6.31	6.17
12	6.16	7.23	13.52	8.15	11.26	12.29	15.28	12.28	6.28	6.17	6.29	6.17
13	6.14	7.17	12.94	8.28	14.62	12.84	15.14	11.93	6.26	6.20	6.26	6.16
14	6.13	7.13	12.93	8.05	14.79	12.87	15.03	11.62	6.23	6.19	6.22	6.15
15	6.14	6.89	12.34	8.08	14.84	13.31	14.24	11.11	6.22	6.18	6.20	6.16
16	6.14	6.45	11.72	8.29	15.96	14.68	13.51	9.88	6.22	6.17	6.20	6.15
17	6.15	6.22	11.50	8.16	15.72	15.28	12.90	8.15	6.25	6.18	6.18	6.15
18	6.15	6.19	11.22	8.27	15.61	15.01	12.30	7.76	6.36	6.17	6.18	6.15
19	6.14	---	10.77	8.30	15.31	14.91	11.51	7.50	6.38	6.17	6.17	6.15
20	6.15	---	10.28	8.04	14.48	14.58	11.13	6.80	6.34	6.18	6.17	6.15
21	6.16	---	10.23	7.97	13.91	14.17	10.86	6.73	6.28	6.17	6.18	6.20
22	6.14	6.21	10.48	7.93	13.26	13.83	10.17	6.68	6.25	6.17	6.17	6.26
23	6.12	6.45	9.88	8.05	12.71	13.65	9.56	6.65	6.21	6.17	6.17	6.23
24	6.11	6.54	9.73	8.46	12.31	14.06	9.00	6.63	6.19	6.17	6.17	6.21
25	6.11	6.51	---	8.53	11.40	14.02	9.16	6.69	6.18	6.17	6.16	6.20
26	6.10	6.42	---	8.46	11.20	14.08	9.64	6.74	6.19	6.17	6.16	6.18
27	6.11	6.41	---	8.42	13.42	14.46	10.30	6.69	6.21	6.17	6.16	6.17
28	6.14	6.34	---	8.35	13.77	15.93	10.63	6.72	6.21	6.17	6.17	6.17
29	6.54	6.31	---	8.24	13.19	16.24	10.01	6.59	6.20	6.16	6.17	6.15
30	9.60	6.30	---	8.24	---	16.74	8.96	6.47	6.19	6.15	6.16	6.14
31	10.63	---	8.20	8.07	---	16.92	---	6.41	---	6.15	6.15	---
MAX	10.63	10.27	13.52	8.53	15.96	16.92	16.71	15.85	6.38	6.20	6.32	6.26
MIN	6.10	---	6.22	7.68	7.29	12.15	8.96	6.41	6.18	6.15	6.15	6.14

07348500 RED RIVER AT SHREVEPORT, LA

LOCATION.--Lat 32°30'55", long 93°44'25", in SE1/4SE1/4 sec. 30, T. 18 N., R.13 W., Caddo Parish, Hydrologic Unit 11140202, on second pier from east bank, at Illinois Central Gulf Railroad Co. bridge at Shreveport, and 0.5 mi downstream from Cross Bayou.

DRAINAGE AREA.--60,613 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--August 1928 to September 1983 (see NOTE). Daily gage heights since May 1873 and discharge intermittently 1872 to 1905 in reports of Mississippi River Commission.

REVISED RECORDS.--WSP 1211: Drainage area. WSP 1920: 1960(M).

GAGE.--Water-stage recorder. Datum of gage is 131.40 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to June 1, 1918, nonrecording gage at same site at datum 10 ft higher.

REMARKS.--Regulation by Lake Texoma, Millwood Reservoir, and Texarkana Reservoir. See Red River near Hosston (station 07344400).

COOPERATION.--Gage-height record and computations of daily discharge furnished by Corps of Engineers.

AVERAGE DISCHARGE.--55 years (water years 1929-83), 24,210 ft^3/s, 17,540,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 303,000 ft^3/s Apr. 5, 1945 (discharge measurement), maximum gage height, 37.9 ft in gage well, 38.4 ft from outside gage Apr. 7, 1945; minimum discharge, 690 ft^3/s Oct. 30, 1956; minimum gage height, 0.24 ft Nov. 9, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage, 45.9 ft, present datum, from water mark in August 1849 (affected by huge log raft).

EXTREMES FOR CURRENT YEAR.--Water year 1983: Maximum daily discharge, 108,000 ft^3/s Dec. 7; minimum daily, 2,400 ft^3/s Sept. 25.

NOTE.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5020	6340	40200	72600	17300	46100	29500	14300	49000	11200	10900	6100
2	5020	6340	53200	68000	21200	42200	31200	12500	44400	14700	10600	6700
3	5140	6340	63000	60500	23500	37700	30300	12000	40600	31200	10100	7100
4	5260	6710	75600	55200	28200	34100	29100	12000	37700	46100	10100	6300
5	5140	7880	86100	51800	32800	33300	28200	11700	32400	49000	9600	5200
6	4890	6280	98900	48600	49300	33300	25500	12300	27000	44400	9600	4700
7	4770	8890	108000	42200	51100	41100	22000	16000	23100	39600	9400	4200
8	5620	12000	97600	36300	45000	50500	20000	24300	22000	39100	9200	3900
9	6530	13400	92800	38100	38600	56000	19300	27000	22400	39600	7700	3700
10	6160	12000	90600	37200	45000	53700	18300	26700	22800	43300	6300	3300
11	5980	10500	88400	36300	47300	50500	19000	25100	23100	42200	5500	3100
12	5980	8890	86100	35400	43800	48600	19300	23100	22400	36300	4900	3000
13	5980	7680	83900	34100	39600	45000	17600	20000	18000	35000	4200	3000
14	5980	7070	80700	32000	37200	40600	15000	16300	15300	33300	4400	3000
15	6530	6710	76600	30300	34100	37200	12800	15000	13000	28200	4700	2900
16	6890	6530	73600	27000	33300	35400	12300	14000	11400	27800	4900	2800
17	6710	6710	69100	26300	25900	34500	12500	14700	11400	28200	4700	2800
18	6530	5980	64700	23500	23100	33300	11700	17300	11200	28600	4200	2800
19	5620	5440	59900	23100	21200	30300	11200	29900	10600	28200	5500	4200
20	5260	6530	56700	22800	19300	25500	11200	41100	11400	26300	5500	3700
21	5140	6710	51100	22400	17600	23500	12000	47300	14000	26300	5300	3400
22	5260	6530	47200	21600	24700	22400	12300	60500	12500	26300	5200	3000
23	5140	7680	42400	21200	29900	22000	12500	64400	10900	24700	5200	2900
24	4890	8080	41300	20800	38100	22000	12500	69800	10400	21200	5500	2600
25	4770	10300	40200	20400	61300	23500	12000	68000	10600	19700	5900	2400
26	4890	12800	41800	20400	62100	23100	12300	63600	10600	19300	5500	2900
27	4890	16400	47200	19700	56000	25100	13000	61300	10600	18000	5200	3000
28	5440	20300	54600	19000	49900	25500	16300	59000	10400	15600	5000	2800
29	6530	23500	60700	18000	---	25100	16300	56000	10400	14000	5000	2500
30	6340	27700	71700	16600	---	25900	15000	54500	10600	12300	5500	2500
31	6160	---	69900	15600	---	27400	---	51100	---	11200	5700	---
TOTAL	174460	298220	2113800	1017000	1016400	1074400	530200	1040800	580200	880900	201000	110500
MEAN	5628	9941	68190	32810	36300	34660	17670	33570	19340	28420	6484	3683
MAX	6890	27700	108000	72600	62100	56000	31200	69800	49000	49000	10900	7100
MIN	4770	5440	40200	15600	17300	22000	11200	11700	10400	11200	4200	2400
AC-FT	346000	591500	4193000	2017000	2016000	2131000	1052000	2064000	1151000	1747000	398700	219200

CAL YR 1982 TOTAL 11548130 MEAN 31640 MAX 108000 MIN 4770 AC-FT 22910000
WTR YR 1983 TOTAL 9037880 MEAN 24760 MAX 108000 MIN 2400 AC-FT 17930000

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07348500 RED RIVER AT SHREVEPORT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.80	5.60	15.50	19.90	9.70	16.40	12.90	8.80	17.00	7.70	7.60	5.40
2	4.80	5.60	17.60	19.40	10.80	15.70	13.30	8.20	16.10	8.90	7.50	5.70
3	4.90	5.60	18.90	18.50	11.40	14.80	13.10	8.00	15.40	13.30	7.30	5.90
4	5.00	5.80	20.30	17.80	12.60	14.00	12.80	8.00	14.80	16.40	7.30	5.50
5	4.90	6.40	21.30	17.30	13.70	13.80	12.60	7.90	13.60	17.00	7.10	4.90
6	4.70	6.60	22.40	16.80	16.90	13.80	11.90	8.10	12.30	16.10	7.10	4.60
7	4.60	6.90	23.10	15.70	17.20	15.50	11.00	9.30	11.30	15.20	7.00	4.30
8	5.20	8.20	22.30	14.50	16.20	17.10	10.50	11.60	11.00	15.10	6.90	4.10
9	5.70	8.70	21.90	14.90	15.00	17.90	10.30	12.30	11.10	15.20	6.20	4.00
10	5.50	8.20	21.70	14.70	16.20	17.60	10.00	12.20	11.30	15.90	5.50	3.70
11	5.40	7.60	21.50	14.50	16.60	17.10	10.20	11.80	11.30	15.70	5.10	3.60
12	5.40	6.90	21.30	14.30	16.00	16.80	10.30	11.30	11.10	14.50	4.70	3.50
13	5.40	6.30	21.10	14.00	15.20	16.20	9.80	10.50	9.90	14.20	4.30	3.50
14	5.40	6.00	20.80	13.50	14.70	15.40	9.00	9.40	9.10	13.80	4.40	3.50
15	5.70	5.80	20.40	13.10	14.00	14.70	8.30	9.00	8.40	12.60	4.60	3.40
16	5.90	5.70	20.10	12.30	13.80	14.30	8.10	8.70	7.80	12.50	4.70	3.30
17	5.80	5.80	19.60	12.10	12.00	14.10	8.20	8.90	7.80	12.60	4.60	3.30
18	5.70	5.40	19.10	11.40	11.30	13.80	7.90	9.70	7.70	12.70	4.30	3.30
19	5.20	5.10	18.50	11.30	10.80	13.10	7.70	13.00	7.50	12.60	5.10	4.30
20	5.00	5.70	18.10	11.20	10.30	11.90	7.70	15.50	7.80	12.10	5.10	4.00
21	4.90	5.80	17.30	11.10	9.80	11.40	8.00	16.60	8.70	12.10	5.00	3.80
22	5.00	5.70	16.70	10.90	11.70	11.10	8.10	18.50	8.20	12.10	4.90	3.50
23	4.90	6.30	15.90	10.80	13.00	11.00	8.20	19.00	7.60	11.70	4.90	3.40
24	4.70	6.40	15.70	10.70	14.90	11.00	8.20	19.60	7.40	10.80	5.10	3.20
25	4.60	7.50	15.40	10.60	18.60	11.40	8.00	19.40	7.50	10.40	5.30	3.00
26	4.70	8.50	15.30	10.60	18.70	11.30	8.10	18.90	7.50	10.30	5.10	3.40
27	4.70	9.70	16.70	10.40	17.90	11.80	8.40	18.60	7.50	9.90	4.90	3.50
28	5.10	10.90	17.80	10.20	17.00	11.90	9.40	18.30	7.40	9.20	4.80	3.30
29	5.70	11.80	18.60	9.90	---	11.80	9.40	17.90	7.40	8.70	4.80	3.10
30	5.60	12.90	19.90	9.50	---	12.00	9.00	17.70	7.50	8.10	5.10	3.10
31	5.50	---	19.70	9.20	---	12.40	---	17.20	---	7.70	5.20	---
MAX	5.90	12.90	23.10	19.90	18.70	17.90	13.30	19.60	17.00	17.00	7.60	5.90
MIN	4.60	5.10	15.40	9.20	9.70	11.00	7.70	7.90	7.40	7.70	4.30	3.00

07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA

LOCATION.--Lat 32°59'40", long 93°23'47", in NE1/4NE1/4 sec.16, T.23 N., R.10 W., Webster Parish, Hydrologic Unit 11140203, near left bank on downstream side of bridge on State highway 157, 0.4 mi downstream from Crooked Creek, 1.7 mi downstream from Arkansas-Louisiana State line, and 4.2 mi southeast of intersection of State Highways 7 and 157 at Springhill.

DRAINAGE AREA.--605 mi^2.

PERIOD OF RECORD.--October 1957 to current year.

REVISED RECORDS.--WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records good above 200 ft^3/s and fair below.

AVERAGE DISCHARGE.--27 years, 543 ft^3/s, 12.19 in/yr, 393,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36,400 ft^3/s Apr. 28, 1958, gage height, 22.79 ft; no flow Oct. 10-14, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 2,580 ft^3/s Feb. 16, gage height 13.34 ft; no peak above base of 3,000 ft^3/s; minimum daily discharge, 1.2 ft^3/s Oct. 28-31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	1.3	4.9	240	375	1510	2230	234	17	301	3.7	22
2	1.6	1.3	6.4	224	305	1850	2500	249	15	324	3.6	11
3	1.6	1.3	187	219	256	2080	2280	375	12	286	25	7.7
4	1.6	1.5	225	218	223	2250	1950	445	9.4	297	31	11
5	1.5	2.2	157	224	202	2070	1650	532	7.5	296	11	8.1
6	1.5	1.8	200	231	187	1860	1410	656	8.3	211	6.4	5.3
7	1.4	2.3	332	238	177	1760	1220	750	18	130	4.3	4.8
8	1.4	1.9	440	240	169	1900	1120	830	25	97	3.7	4.3
9	1.3	1.7	510	239	173	2230	1020	922	18	96	5.6	4.2
10	1.3	1.5	621	269	198	2290	933	954	17	99	4.4	3.6
11	1.6	1.4	985	302	278	2030	953	868	28	89	3.9	3.0
12	1.5	1.4	1120	326	716	1750	964	625	23	69	4.9	2.1
13	1.4	1.4	1270	367	1430	1520	989	345	16	48	53	1.8
14	1.4	1.3	1530	424	1920	1300	986	199	12	33	107	1.5
15	1.4	1.3	1870	471	2340	1130	968	177	12	24	132	2.2
16	1.3	1.3	1960	485	2570	1060	939	151	11	17	155	3.3
17	1.3	1.3	1730	478	2530	1040	871	111	10	31	158	2.3
18	1.4	2.0	1390	453	2450	1050	731	124	8.8	25	129	1.8
19	1.3	4.1	1110	394	2240	1080	566	111	7.9	13	74	1.5
20	1.3	7.1	871	328	1950	1110	460	82	21	7.5	43	1.3
21	1.4	3.8	658	285	1660	1120	435	65	53	5.2	44	1.5
22	1.5	3.0	575	258	1400	1080	557	51	39	4.0	42	4.5
23	1.4	9.3	521	271	1150	991	730	48	25	4.3	29	2.9
24	1.3	5.7	475	322	959	866	857	53	15	6.7	24	2.1
25	1.3	3.5	450	373	752	718	925	48	10	6.7	16	1.9
26	1.3	3.8	420	441	628	632	893	42	8.0	5.6	10	1.6
27	1.3	9.8	390	310	983	690	723	35	7.8	5.0	56	1.5
28	1.2	7.7	350	554	1010	1040	476	31	13	6.1	97	1.4
29	1.2	4.8	310	554	1180	1050	297	26	20	11	97	1.5
30	1.2	4.4	290	518	---	1100	254	24	106	6.1	79	1.5
31	1.2	---	270	454	---	1420	---	21	---	4.4	44	---
TOTAL	43.1	95.2	21228.3	10910	30331	43577	30887	9184	593.7	2558.6	1496.5	123.2
MEAN	1.39	3.17	685	352	1046	1406	1030	296	19.8	82.5	48.3	4.11
MAX	1.7	9.8	1960	554	2570	2290	2500	954	106	324	158	22
MIN	1.2	1.3	4.9	218	169	632	254	21	7.5	4.0	3.6	1.3
CFSM	.00	.01	1.13	.58	1.73	2.32	1.70	.49	.03	.14	.08	.01
IN.	.00	.01	1.31	.67	1.86	2.68	1.90	.56	.04	.16	.09	.01
AC-FT	85	189	42110	21640	60160	86430	61260	18220	1180	5070	2970	244

CAL YR 1983 TOTAL 182487.2 MEAN 500 MAX 4580 MIN 1.1 CFSM .83 IN. 11.22 AC-FT 362000
WTR YR 1984 TOTAL 151027.6 MEAN 413 MAX 2570 MIN 1.2 CFSM .62 IN. 9.26 AC-FT 299600

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07348700 BAYOU DORCHEAT NEAR SPRINGHILL, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.75	3.98	4.43	---	9.02	12.39	13.06	7.51	4.42	8.21	3.71	4.72
2	3.74	3.99	4.51	7.79	8.50	12.76	13.28	7.65	4.36	8.41	3.69	4.41
3	3.74	4.02	7.24	7.74	8.08	12.94	13.11	8.65	4.26	8.10	4.49	4.26
4	3.74	4.07	7.76	7.73	7.78	13.08	12.81	9.08	4.16	8.19	4.73	4.41
5	3.74	4.20	6.96	7.79	7.55	12.93	12.49	9.57	4.07	8.18	4.21	4.28
6	3.73	4.10	7.49	7.86	7.36	12.74	12.20	10.15	4.12	7.37	4.03	4.13
7	3.72	4.23	8.71	7.92	7.22	12.65	11.94	10.51	4.44	6.34	3.89	4.09
8	3.74	4.13	9.42	7.95	7.12	12.78	11.69	10.80	4.63	5.84	3.86	4.06
9	3.76	4.09	9.80	7.93	7.17	13.07	11.40	11.10	4.45	5.83	4.02	4.05
10	3.77	4.08	10.26	8.20	7.49	13.12	11.14	11.21	4.43	5.87	3.95	3.99
11	3.78	4.08	11.47	8.48	8.27	12.90	11.20	10.93	4.72	5.71	3.92	3.86
12	3.85	4.11	11.81	8.67	10.46	12.64	11.24	10.01	4.60	5.40	3.98	3.77
13	3.89	4.16	12.10	8.97	12.27	12.40	11.32	8.45	4.43	5.03	5.32	3.71
14	3.90	4.17	12.41	9.33	12.80	12.14	11.31	7.14	4.31	4.70	6.25	3.67
15	3.89	4.18	12.76	9.59	13.15	11.86	11.25	6.86	4.29	4.47	6.63	3.77
16	3.91	4.18	12.84	9.66	13.33	11.68	11.16	6.51	4.27	4.30	6.94	3.96
17	3.92	4.19	12.62	9.63	13.30	11.63	10.93	5.94	4.22	4.64	6.98	3.79
18	3.93	4.20	12.25	9.50	13.24	11.65	10.43	6.22	4.17	4.52	6.57	3.72
19	3.93	4.34	11.79	9.14	13.07	11.73	9.73	6.10	4.12	4.19	5.72	3.67
20	3.94	4.55	11.13	8.69	12.83	11.81	9.16	5.65	4.55	3.96	5.17	3.63
21	3.94	4.34	10.42	8.34	12.54	11.83	9.02	5.37	5.11	3.82	5.20	3.65
22	3.94	4.27	10.19	8.10	12.26	11.72	9.69	5.15	4.83	3.73	5.14	4.06
23	3.93	4.62	9.86	8.22	11.89	11.48	10.43	5.09	4.50	3.75	4.86	3.92
24	3.93	4.47	---	8.64	11.39	11.12	10.89	5.19	4.25	3.92	4.74	3.79
25	3.93	4.31	---	9.01	10.75	10.64	11.11	5.10	4.09	3.92	4.53	3.74
26	3.99	4.34	---	9.43	10.31	10.33	11.01	4.98	3.99	3.85	4.35	3.69
27	4.00	4.66	---	9.80	11.23	10.52	10.40	4.83	3.98	3.81	5.38	3.65
28	3.99	4.58	---	10.01	11.54	11.62	9.25	4.73	4.17	3.87	6.08	3.64
29	3.98	4.42	---	10.02	11.94	11.66	8.06	4.62	4.39	4.10	6.09	3.66
30	3.97	4.39	---	9.84	---	11.77	7.70	4.57	5.89	3.88	5.81	3.67
31	3.98	---	---	9.50	---	12.27	---	4.50	---	3.76	5.21	---
MAX	4.00	4.66	12.84	10.02	13.33	13.12	13.28	11.21	5.89	8.41	6.98	4.72
MIN	3.72	3.98	4.43	7.73	7.12	10.33	7.70	4.50	3.98	3.73	3.69	3.63

07349000 BAYOU DORCHEAT NEAR MINDEN, LA.

LOCATION.--Lat 32°35'55", long 93°19'59", in NE1/4NW1/4 sec.31, T.19 N., R.9 W., Webster Parish, Hydrologic Unit 11130203, on left bank 500 ft upstream from bridge on U.S. Highway 80, 0.7 mi upstream from Louisiana and Arkansas Railway Co. bridge, 3.0 mi west of Minden, and 28 mi upstream from Lake Bistineau dam.

DRAINAGE AREA.--1,097 mi^2.

PERIOD OF RECORD.--July 1928 to September 1931, October 1936 to September 1979. October 1979 to current year (annual maximum and gage heights only). Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 1211: Drainage area. WSP 1241: 1941.

GAGE.--Water-stage recorder. Datum of gage is 133.75 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Mar. 1, 1940, nonrecording gage at same site and datum. July 29, 1953, to Sept. 30, 1979, supplementary water-stage recorder 4.6 mi upstream from base gage at different datum.

REMARKS.--Gage heights affected by Lake Bistineau.

AVERAGE DISCHARGE.--46 years (water years 1929-31, 1937-79), 1,111 ft^3/s, 13.75 in/yr, 804,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,800 ft^3/s May 1, 1958, gage height, 24.90 ft; no flow at times in 1954, 1956, 1964, 1969, 1972, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,200 ft^3/s Mar. 8, gage height, 15.55 ft; minimum gage height, 0.94 ft Nov. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.58	1.27	1.17	5.38	5.92	10.92	9.77	8.14	7.39	7.11	---	7.06
2	1.56	1.27	1.14	5.12	5.77	11.04	9.92	7.92	7.39	7.11	---	7.06
3	1.56	1.27	1.52	---	5.60	11.15	10.13	8.01	7.35	7.10	---	7.09
4	1.55	1.27	3.13	---	5.36	11.19	10.33	8.14	7.23	7.15	---	7.08
5	1.55	1.34	2.59	---	5.02	12.46	10.63	8.28	7.19	7.26	---	7.08
6	1.53	1.29	3.32	---	4.68	13.79	10.95	8.41	7.20	7.41	---	7.07
7	1.53	1.35	3.99	---	4.44	14.93	11.18	8.47	7.31	7.47	---	7.06
8	1.53	1.30	4.26	---	4.30	15.54	11.25	8.54	7.32	7.42	---	7.06
9	1.52	1.28	4.18	---	4.20	15.33	11.06	8.64	7.30	7.37	---	7.04
10	1.51	1.32	4.29	---	4.23	14.78	10.68	8.55	7.28	7.33	---	7.03
11	1.51	1.39	6.37	---	4.25	14.14	10.39	8.55	7.26	7.31	---	7.01
12	1.53	1.44	6.14	---	5.79	13.59	10.25	8.53	7.27	7.27	---	6.99
13	1.51	1.46	6.32	---	8.86	13.18	10.09	8.52	7.24	7.27	---	6.98
14	1.43	1.43	6.95	---	9.37	12.81	9.89	8.51	7.22	7.29	---	6.97
15	1.39	1.44	7.53	---	10.16	12.51	9.66	8.47	7.22	7.27	---	6.90
16	1.36	1.47	7.91	---	10.96	12.22	9.47	8.41	7.20	7.27	---	6.91
17	1.35	1.49	8.32	---	11.71	11.87	9.29	8.14	7.21	7.26	---	6.89
18	1.36	1.51	8.61	---	12.36	11.45	9.10	7.93	7.20	7.23	---	6.88
19	1.35	1.51	8.88	---	12.72	11.00	8.95	7.74	7.18	7.21	---	6.87
20	1.35	1.35	9.07	5.45	12.77	10.49	8.81	7.59	7.18	7.19	---	6.85
21	1.34	1.18	9.19	5.39	12.67	10.08	8.76	7.57	7.17	7.16	7.19	6.85
22	1.34	.98	9.69	5.22	12.47	9.82	8.54	7.53	7.14	7.15	7.18	6.95
23	1.33	1.28	9.48	5.02	12.21	9.69	8.31	7.58	7.14	7.13	7.15	6.94
24	1.31	1.16	9.05	5.25	11.87	9.59	8.14	7.53	7.11	7.13	7.16	6.94
25	1.31	1.01	8.21	5.20	11.42	9.47	8.10	7.53	7.10	7.11	7.14	6.93
26	1.31	.96	7.71	5.31	10.90	9.33	8.17	7.53	7.08	7.13	7.13	6.82
27	1.32	1.69	7.24	5.63	11.16	9.19	8.31	7.52	7.11	7.12	7.12	6.89
28	1.32	2.15	6.73	5.89	11.09	9.21	8.36	7.46	7.15	7.09	7.12	6.84
29	1.32	1.46	6.18	6.00	10.95	9.03	8.42	7.43	7.15	7.07	7.11	6.82
30	1.28	1.25	5.81	6.05	---	9.18	8.38	7.41	7.10	---	7.11	6.83
31	1.27	---	5.51	6.02	---	9.52	---	7.41	---	---	7.07	---
MAX	1.58	2.15	9.69	6.05	12.77	15.54	11.25	8.64	7.39	7.47	---	7.09
MIN	1.27	.96	1.14	---	4.20	9.03	8.10	7.41	7.08	---	---	6.82

07349250 LAKE BISTINEAU NEAR RINGGOLD, LA

LOCATION.--Lat 32°19'46", long 93°26'10", in SE1/4NW1/4 sec.31, T.16 N., R.10 W., Bossier Parish, Hydrologic Unit 11140203, 40 ft upstream from spillway near right bank on upstream side of bridge on State Highway 154, 9.0 mi west of Ringgold, and 17.0 mi upstream from mouth.

DRAINAGE AREA.--1,443 mi^2.

PERIOD OF RECORD.--October 1968 to current year (gage heights only).

REVISED RECORDS.--WRD LA-1971: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 130.00 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Reservoir is formed by an earthfill dam containing a 1,200-ft concrete spillway equipped with twelve adjustable gates and a fish ladder. Each gate is 6.0 ft wide and 5.0 ft high and fits into a notch along the spillway crest. The 1.75-ft thick spillway crest is flat and has an invert at 11 ft gage height with invert of the notches at 6 ft gage height. The fish ladder is 4 ft wide and begins flowing at 4.1 ft gage height. Capacity at spillway crest is 120,000 acre-ft. Dam was completed in 1935 and enlarged in 1951. Reservoir is used for flood control and conservation. Gates were open Oct. 1 to Jan. 15 and closed thereafter.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.56 ft Feb. 8, 1975; minimum, 3.37 ft Nov. 18, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.83 ft Mar. 6; minimum, 3.37 ft Nov. 18.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.91	3.58	4.50	7.10	5.96	12.06	11.72	11.57	11.14	11.05	10.96	11.00
2	4.81	3.57	4.86	6.96	6.22	12.01	11.72	11.55	11.13	11.03	10.94	10.99
3	4.71	3.57	5.13	6.85	6.40	11.99	11.80	11.64	11.13	11.02	11.12	11.03
4	4.62	3.56	5.16	6.75	6.54	11.97	11.82	11.60	11.12	10.99	11.13	11.07
5	4.57	3.61	5.21	6.63	6.64	12.62	11.84	11.60	11.09	11.11	11.13	11.04
6	4.47	3.57	5.09	6.50	6.76	12.80	11.86	11.55	11.10	11.14	11.12	11.01
7	4.39	3.69	5.13	6.39	6.83	12.74	11.89	11.57	11.20	11.17	11.12	11.00
8	4.32	3.67	5.12	6.27	6.90	12.69	11.94	11.62	11.21	11.20	11.17	10.95
9	4.26	3.65	5.53	6.19	7.01	12.65	11.95	11.60	11.20	11.22	11.16	10.98
10	4.20	3.64	7.09	6.30	7.10	12.59	11.94	11.58	11.19	11.20	11.15	10.96
11	4.11	3.59	7.27	6.11	7.20	12.48	12.00	11.59	11.19	11.19	11.15	10.93
12	4.09	3.54	7.21	5.99	7.84	12.43	11.97	11.58	11.18	11.19	11.14	10.94
13	4.03	3.55	---	5.93	8.88	12.41	11.94	11.58	11.17	11.21	11.13	10.92
14	3.97	3.53	---	5.92	9.50	12.34	11.88	11.56	11.15	11.20	11.14	10.91
15	3.92	3.53	---	5.91	9.92	12.26	11.83	11.57	11.14	11.18	11.12	10.93
16	3.90	3.50	---	5.85	10.40	12.21	11.80	11.53	11.12	11.17	11.10	10.90
17	3.85	3.48	---	5.84	10.82	12.13	11.76	11.46	11.12	11.17	11.10	10.89
18	3.87	3.46	---	5.85	11.19	12.08	11.73	11.41	11.12	11.18	11.10	10.86
19	3.84	3.42	---	5.85	11.58	12.02	11.72	11.37	11.10	11.17	11.09	10.85
20	3.79	3.53	7.34	5.82	11.82	12.00	11.69	11.40	11.09	11.12	11.09	10.82
21	3.77	3.54	7.40	5.79	11.95	11.89	11.66	11.38	11.03	11.11	11.09	10.81
22	3.76	3.54	7.42	5.79	12.01	11.86	11.65	11.38	11.06	11.09	11.09	10.87
23	3.74	3.94	7.85	5.82	12.03	11.81	11.62	11.35	11.04	11.08	11.11	10.88
24	3.71	3.96	7.93	5.91	12.04	11.78	11.58	11.35	11.04	11.06	11.11	10.87
25	3.70	3.86	7.86	5.94	12.01	11.76	11.53	11.30	11.04	11.05	11.10	10.87
26	3.67	3.91	7.73	5.96	11.97	11.73	11.54	11.29	11.01	11.04	11.08	10.93
27	3.66	4.36	7.69	5.96	12.26	11.74	11.54	11.26	10.99	11.04	11.05	10.84
28	3.64	4.49	7.59	5.97	12.21	11.74	11.54	11.24	11.06	11.04	11.04	10.88
29	3.62	4.56	7.47	5.98	12.13	11.71	11.54	11.25	11.05	11.04	11.02	10.86
30	3.61	4.54	7.34	6.00	---	11.70	11.62	11.19	11.06	11.00	11.03	10.80
31	3.60	---	7.22	5.97	---	11.69	---	11.16	---	10.98	11.02	---
MAX	4.91	4.55	7.93	7.10	12.26	12.80	12.00	11.64	11.21	11.22	11.17	11.07
MIN	3.60	3.42	4.50	5.79	5.96	11.69	11.53	11.16	10.99	10.98	10.94	10.80

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07349374 FLAT RIVER NEAR CURTIS, LA

LOCATION.--Lat 32°26'20", long 93°37'37", in NW1/4NW1/4 sec.29, T.17 N., R.12 W., Bossier Parish, Hydrologic Unit 11140204, near left bank on downstream side of bridge on State Highway 612, 1.0 mi east of Curtis.

DRAINAGE AREA.--Indeterminate (see REMARKS).

PERIOD OF RECORD.--March 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 123.67 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 17, 1982 nonrecording gage read twice daily. Prior to Oct. 1, 1981 at datum 10.00 ft higher.

REMARKS.--Records poor. Channel dredged August, 1982. Interconnecting system of drainage ditches above station produces an interchange of flow which makes the drainage area indeterminable. Bodcau-Red Chute Bayou and Flat River basins are connected by canal upstream. Some regulation by several upstream lakes and reservoirs, combined capacity about 388,000 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,220 ft^3/s Apr. 14, 1980, gage height, 27.39 ft, present datum, (prior to dredging August 1982); 1,900 ft^3/s Feb. 12, 1984, gage height, 19.66 ft Feb. 10, 1983 (after dredging); no flow Aug. 10-12, 1982, result of temporary dam. Minimum daily discharge not regulated, 1.5 ft^3/s, Sept. 10, 11, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,900 ft^3/s Feb. 12, gage height, 17.64 ft; minimum daily discharge, 4.0 ft^3/s Sept. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	5.7	19	16	15	155	33	40	9.2	22	11	5.1
2	20	5.3	19	15	17	102	33	47	8.1	20	23	6.3
3	30	5.4	127	14	19	78	40	47	8.1	21	111	9.1
4	27	5.6	135	13	21	232	30	42	8.8	22	38	12
5	25	33	83	12	21	1010	25	28	9.5	20	37	12
6	22	34	72	11	20	781	22	24	14	20	41	10
7	21	54	57	9.7	19	549	22	127	23	21	41	7.1
8	20	38	43	8.4	18	418	24	813	21	21	42	4.7
9	19	21	37	9.1	23	295	22	317	15	21	86	4.0
10	19	14	149	30	30	187	26	140	12	20	94	6.1
11	19	12	291	28	27	129	245	62	12	20	71	6.4
12	20	12	140	18	1210	188	152	45	11	20	52	7.5
13	21	12	120	13	932	217	113	35	12	20	35	6.0
14	33	13	90	9.5	537	160	66	30	12	29	25	5.4
15	35	13	73	16	362	118	44	32	12	35	20	4.9
16	28	12	58	19	211	93	36	25	14	34	16	4.2
17	22	12	78	13	135	85	30	22	15	149	13	4.1
18	17	13	74	25	102	81	28	19	14	109	9.5	4.9
19	13	44	72	25	77	66	25	16	13	50	7.2	5.4
20	11	97	64	16	58	47	26	14	13	35	7.1	5.8
21	9.6	33	113	11	36	43	24	14	12	27	8.4	9.8
22	8.3	17	166	25	45	36	24	21	12	22	8.0	133
23	8.3	52	127	40	52	31	21	19	12	19	7.3	59
24	8.4	58	110	60	36	20	21	14	12	16	6.6	29
25	8.7	27	100	70	32	27	22	16	13	15	5.6	21
26	8.4	20	85	60	208	50	24	15	14	15	5.4	15
27	8.1	51	70	50	573	65	22	13	23	19	5.0	8.0
28	7.4	65	55	40	402	70	24	12	34	21	5.5	6.1
29	6.8	35	40	30	265	68	23	11	25	14	5.5	5.1
30	6.4	24	28	25	---	59	27	9.5	25	13	5.3	4.9
31	6.1	---	20	20	---	39	---	9.3	---	13	5.0	---
TOTAL	523.5	838.0	2715	751.7	5503	5499	1274	2078.8	438.7	903	847.4	422.7
MEAN	16.9	27.9	87.6	24.2	190	177	42.5	67.1	14.6	29.1	27.3	14.1
MAX	35	97	291	70	1210	1010	245	813	34	149	111	133
MIN	6.1	5.3	19	8.4	15	20	21	9.3	8.1	13	5.0	4.0
AC-FT	1040	1660	5390	1490	10920	10910	2530	4120	870	1790	1680	838

CAL YR 1983 TOTAL 35856.7 MEAN 98.2 MAX 1430 MIN 5.3 AC-FT 71120
WTR YR 1984 TOTAL 21794.8 MEAN 59.5 MAX 1210 MIN 4.0 AC-FT 43230

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07349374 FLAT RIVER NEAR CURTIS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	8.77	8.51	8.47	---	9.90	8.49	8.70	8.34	9.49	10.01	9.70
2	---	8.74	8.48	8.45	---	9.43	8.50	8.86	8.30	9.47	10.18	9.76
3	---	8.74	10.34	8.45	---	9.16	8.62	8.86	8.30	9.50	11.21	9.86
4	---	8.74	10.48	8.43	---	10.11	8.44	8.79	8.32	9.55	10.56	9.95
5	---	9.34	9.60	8.41	---	16.53	8.32	8.53	8.35	9.52	10.56	9.96
6	9.30	9.32	9.43	8.38	---	15.38	8.27	8.44	8.48	9.54	10.62	9.89
7	9.29	9.60	9.17	8.35	8.19	13.57	8.25	9.23	8.73	9.58	10.61	9.76
8	9.28	9.22	8.91	8.31	8.17	12.08	8.32	13.69	8.67	9.60	10.62	9.64
9	9.26	8.80	8.77	8.34	8.28	10.92	8.27	11.19	8.53	9.61	11.03	9.59
10	9.26	8.63	10.56	8.89	8.43	10.15	8.32	10.10	8.48	9.62	11.10	9.71
11	9.26	8.58	12.78	8.91	8.37	9.68	10.56	9.38	8.52	9.63	10.91	9.71
12	9.29	8.59	10.54	8.78	15.41	10.13	9.88	8.95	8.55	9.65	10.74	9.76
13	9.30	8.57	10.20	8.64	14.23	10.38	9.53	8.70	8.63	9.70	10.53	9.68
14	9.53	8.59	9.65	8.53	12.36	9.94	9.01	8.41	8.67	9.94	10.37	9.61
15	9.55	8.59	9.39	8.70	11.34	9.58	8.69	8.02	8.73	10.11	10.26	9.55
16	9.44	8.57	9.16	8.72	10.33	9.33	8.55	8.68	8.82	10.13	10.15	9.46
17	9.33	8.56	9.47	8.57	9.74	9.25	8.45	8.30	8.89	11.20	10.05	9.42
18	9.22	8.57	9.41	8.83	9.43	9.20	8.39	8.27	8.92	11.00	9.94	9.43
19	9.13	9.11	9.38	8.85	9.15	9.01	8.33	8.30	8.94	10.51	9.85	9.41
20	9.06	10.00	9.25	8.66	8.90	8.73	8.36	8.49	8.98	10.27	9.84	9.39
21	9.00	8.89	10.08	---	8.55	8.67	8.32	8.51	8.99	10.12	9.90	9.50
22	8.95	8.56	10.98	---	8.68	8.55	8.31	8.67	9.04	10.01	9.88	10.82
23	8.95	9.19	10.33	---	8.80	8.45	8.25	8.63	9.10	9.95	9.85	10.07
24	8.96	9.31	---	---	8.55	8.22	8.23	8.50	9.14	9.93	9.81	9.57
25	8.97	8.73	---	---	8.47	8.37	8.27	8.55	9.22	9.96	9.77	9.38
26	8.94	8.57	---	---	9.84	---	8.30	8.51	9.28	10.01	9.75	9.20
27	8.92	9.13	---	---	12.55	---	8.26	8.48	9.50	10.17	9.72	8.98
28	8.89	9.38	---	---	11.58	9.06	8.30	8.45	9.74	10.27	9.74	8.84
29	8.85	8.83	---	---	10.72	9.03	8.29	8.39	9.57	10.09	9.74	8.77
30	8.82	8.61	---	---	---	8.92	8.40	8.35	9.56	10.07	9.72	8.74
31	8.80	---	8.54	---	---	8.60	---	8.34	---	10.05	9.70	---
MAX	---	10.00	12.78	---	15.41	16.53	10.56	13.69	9.74	11.20	11.21	10.82
MIN	8.80	8.56	8.48	---	---	8.22	8.23	8.02	8.30	9.47	9.70	8.74

07349500 BODCAU BAYOU NEAR SAREPTA, LA

LOCATION.--Lat 32°54'18", long 93°28'58", in NE1/4 NE1/4 sec.15, T. 22 N., R.11 W., Bossier-Webster Parish line, Hydrologic Unit 11130105, on left bank on downstream side of bridge on State Highway 2, 2.1 mi northwest of Sarepta, and 9.5 mi upstream from Caney Creek.

DRAINAGE AREA.--546 mi^2.

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 173.91 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good. Some diversion and regulation by Lake Erling (usable capacity, 79,000 acre-ft) 15 mi upstream.

AVERAGE DISCHARGE.--46 years, 562 ft^3/s, 407,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,600 ft^3/s May 2, 1958, gage height, 25.14 ft; minimum, 0.1 ft^3/s at times in 1939, 1943, 1952, and 1954; minimum gage height, 1.43 ft Aug. 14-19, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 22, 23, 1930, exceeded 25 ft and flood in 1905 may have reached a stage of 27 ft from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,860 ft^3/s Dec. 13, gage height 14.99 ft, no peak above base of 3,000 ft^3/s; minimum discharge, 9.2 ft^3/s Oct. 19, gage height 2.09 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	253	165	601	549	701	1280	510	57	28	30	55
2	40	197	179	577	523	632	1300	532	54	27	30	55
3	63	82	348	560	443	550	1320	481	52	26	32	57
4	67	36	488	547	315	518	1290	438	50	25	40	60
5	67	33	531	559	250	766	1270	388	49	42	46	59
6	66	39	509	582	230	901	1230	336	50	60	50	59
7	69	39	505	588	222	995	1160	305	52	47	51	57
8	74	43	572	582	217	1080	1070	317	51	36	52	55
9	113	35	617	574	218	1120	967	397	50	31	50	55
10	147	31	671	598	226	1110	882	538	48	29	52	57
11	155	26	844	606	235	1060	952	684	47	28	49	56
12	120	24	1250	613	641	1020	1010	799	45	27	45	54
13	51	26	1780	611	936	1020	1080	862	44	33	43	52
14	22	25	1760	597	1390	1050	1160	871	43	44	45	51
15	14	24	1550	580	1530	1100	1150	818	42	45	50	52
16	12	22	1360	560	1470	1110	1070	713	41	44	47	52
17	11	24	1210	546	1330	1070	957	581	41	48	47	52
18	10	21	1060	558	1170	1010	855	446	39	47	52	49
19	14	33	952	587	952	947	805	340	38	46	56	47
20	167	76	876	607	693	886	759	279	38	43	60	46
21	268	88	847	612	484	863	718	251	35	39	62	46
22	311	89	855	604	379	868	668	233	33	37	61	51
23	329	101	844	616	345	865	622	160	35	37	61	54
24	334	126	822	654	290	852	596	91	33	36	61	52
25	331	137	789	684	213	847	565	74	31	34	60	48
26	323	141	751	712	248	894	523	69	30	33	60	47
27	311	147	712	718	545	968	488	66	30	32	58	45
28	300	157	675	698	666	1150	479	65	30	34	57	45
29	288	157	640	659	714	1250	489	66	33	34	56	44
30	276	152	602	615	---	1260	499	64	30	34	56	43
31	265	---	597	578	---	1270	---	61	---	31	55	---
TOTAL	4640	2384	25361	18783	17424	29733	27214	11835	1251	1137	1574	1555
MEAN	150	79.5	818	606	601	959	907	382	41.7	36.7	50.8	51.8
MAX	334	253	1780	718	1530	1270	1320	871	57	60	62	60
MIN	10	21	165	546	213	518	479	61	30	25	30	43
AC-FT	9200	4730	50300	37260	34560	58980	53980	23470	2480	2260	3120	3080

CAL YR 1983 TOTAL 195905 MEAN 537 MAX 4920 MIN 10 AC-FT 388600
WTR YR 1984 TOTAL 142891 MEAN 390 MAX 1780 MIN 10 AC-FT 283400

07349500 BODCAU BAYOU NEAR SAREPTA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.49	6.09	5.05	8.91	8.54	9.58	12.77	8.25	3.53	2.81	2.86	3.54
2	2.95	5.43	5.22	8.74	8.35	9.12	12.84	8.41	3.47	2.78	2.85	3.52
3	3.47	3.88	7.00	8.61	7.76	8.54	12.92	8.05	3.42	2.76	2.92	3.57
4	3.54	3.02	8.10	8.52	6.69	8.31	12.83	7.73	3.38	2.73	3.12	3.63
5	3.53	2.95	8.41	8.61	6.06	10.00	12.70	7.34	3.36	3.16	3.28	3.60
6	3.52	3.09	8.25	8.77	5.83	10.84	12.52	6.89	3.36	3.59	3.39	3.60
7	3.56	3.09	8.22	8.82	5.74	11.36	12.19	6.61	3.41	3.29	3.41	3.56
8	3.65	3.20	8.70	8.77	5.69	11.79	11.76	6.72	3.40	3.02	3.42	3.52
9	4.29	3.00	9.02	8.71	5.70	11.99	11.21	7.42	3.38	2.90	3.40	3.52
10	4.80	2.88	9.38	8.88	5.79	11.97	10.72	8.48	3.33	2.84	3.44	3.56
11	4.91	2.75	10.50	8.94	5.88	11.71	11.13	9.46	3.29	2.80	3.38	3.54
12	4.40	2.70	12.00	8.99	9.10	11.51	11.42	10.15	3.27	2.77	3.29	3.49
13	3.21	2.75	14.39	8.98	11.03	11.48	11.81	10.51	3.24	2.93	3.23	3.45
14	2.49	2.73	14.35	8.88	12.90	11.66	12.20	10.57	3.20	3.22	3.28	3.41
15	2.25	2.70	13.80	8.75	13.73	11.92	12.16	10.26	3.18	3.26	3.42	3.43
16	2.18	2.65	13.10	8.62	13.54	11.97	11.75	9.64	3.16	3.25	3.34	3.43
17	2.15	2.69	12.45	8.51	12.95	11.78	11.16	8.79	3.15	3.32	3.36	3.42
18	2.12	2.68	11.73	8.60	12.23	11.46	10.56	7.81	3.12	3.31	3.46	3.36
19	2.24	2.90	11.13	8.81	11.12	11.10	10.26	6.93	3.07	3.29	3.57	3.32
20	5.03	3.80	10.69	8.95	9.52	10.75	9.97	6.37	3.07	3.21	3.66	3.28
21	6.24	3.98	10.51	8.98	8.06	10.61	9.69	6.09	3.01	3.11	3.69	3.27
22	6.66	4.00	10.56	8.93	7.25	10.64	9.36	5.89	2.96	3.05	3.68	3.40
23	6.82	4.18	10.50	9.01	6.97	10.62	9.06	5.04	2.99	3.06	3.68	3.47
24	6.87	4.54	10.36	9.27	6.46	10.55	8.87	4.11	2.94	3.03	3.68	3.41
25	6.85	4.70	10.16	9.47	5.64	10.52	8.65	3.83	2.88	2.98	3.66	3.34
26	6.77	4.74	9.91	9.65	5.96	10.79	8.35	3.74	2.85	2.95	3.64	3.29
27	6.67	4.82	9.66	9.69	8.50	11.22	8.10	3.69	2.86	2.92	3.60	3.25
28	6.56	4.95	9.41	9.56	9.35	12.14	8.03	3.67	2.86	2.96	3.59	3.25
29	6.44	4.95	9.17	9.30	9.67	12.63	8.11	3.69	2.94	2.97	3.56	3.22
30	6.32	4.90	8.91	9.01	---	12.66	8.18	3.66	2.86	2.97	3.54	3.19
31	6.21	---	8.88	8.74	---	12.70	---	3.60	---	2.90	3.53	---
MAX	6.87	6.09	14.39	9.69	13.73	12.70	12.92	10.57	3.53	3.59	3.69	3.63
MIN	2.12	2.65	5.05	8.51	5.64	8.31	8.03	3.60	2.85	2.73	2.85	3.19

07349795 CYPRESS BAYOU ABOVE BENTON, LA

LOCATION.--Lat 32°47'15", long 93°42'27", in SW1/4 NE1/4 sec.28, T.20 N., R.12 W., Bossier Parish, Hydrologic Unit 11140204, near center of span on downstream side of bridge on State Highway 160, 0.7 mi east of Swindleville, 1.0 mi northeast of Alden Bridge, and 6.0 mi north of Benton.

DRAINAGE AREA.--88.9 mi^2.

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 180 ft, from topographic map.

REMARKS.--Records good. Since October 1961, flow regulated by 3 flood-control reservoirs above station (combined capacity of reservoirs, 1,784 acre-ft).

AVERAGE DISCHARGE.--10 years, 70.1 ft^3/s, 50,790 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft^3/s Feb. 3, 1975, gage height, 11.99 ft; minimum, no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 590 ft^3/s Feb. 13, gage height 9.10 ft, no peak above a base of 900 ft^3/s; minimum discharge, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	6.0	24	34	250	76	80	.12	.00	.00	.00
2	.00	.00	4.0	23	30	177	61	247	.09	.00	.00	.00
3	.00	.00	85	28	29	127	72	303	.07	.00	.00	.00
4	.00	.00	208	30	30	119	89	241	.06	.00	.00	.00
5	.00	.00	189	31	31	240	69	127	.04	.00	.00	.00
6	.00	.00	103	29	27	331	51	53	.06	.00	.00	.00
7	.00	.00	37	27	23	335	42	32	.08	.00	.00	.00
8	.00	.00	20	24	20	284	39	23	.08	.00	.00	.00
9	.00	.00	12	21	20	212	127	25	.05	.00	.00	.00
10	.00	.00	16	38	30	152	200	21	.04	.00	.00	.00
11	.00	.00	112	80	52	112	150	15	.02	.00	.00	.00
12	.00	.00	168	76	263	121	110	9.1	.06	.00	.00	.00
13	.00	.00	173	57	572	176	90	6.1	.08	.00	.00	.00
14	.00	.00	131	44	562	188	70	4.1	.06	.00	.00	.00
15	.00	.00	80	37	483	169	60	2.9	.05	.00	.00	.00
16	.00	.00	53	36	363	128	50	1.8	.04	.00	.00	.00
17	.00	.00	48	40	277	101	45	1.2	.14	.00	.00	.00
18	.00	.00	59	43	230	88	40	.78	.12	.00	.00	.00
19	.00	.00	75	45	196	78	35	.68	.09	.00	.00	.00
20	.00	.00	76	42	161	65	30	.60	.09	.00	.00	.00
21	.00	.00	68	35	127	54	30	.54	.06	.00	.00	.00
22	.00	.00	84	30	101	47	25	.45	.03	.00	.00	.00
23	.00	.00	95	36	86	43	25	.40	.02	.00	.00	.00
24	.00	.00	85	98	76	43	20	.47	.00	.00	.00	.00
25	.00	.00	75	126	67	47	20	.45	.00	.00	.00	.00
26	.00	.00	60	97	82	47	19	.37	.00	.00	.00	.00
27	.00	.00	50	71	242	45	18	.29	.03	.00	.00	.00
28	.00	.52	45	58	310	97	17	.25	.02	.00	.00	.00
29	.00	7.1	35	50	311	158	17	.21	.02	.00	.00	.00
30	.00	8.3	30	44	---	167	20	.20	.00	.00	.00	.00
31	.00	---	27	39	---	127	---	.17	---	.00	.00	---
TOTAL	.00	15.92	2309.0	1459	4835	4328	1717	1198.06	1.62	.00	.00	.00
MEAN	.00	.53	74.5	47.1	167	140	57.2	38.6	.05	.00	.00	.00
MAX	.00	8.3	208	126	572	335	200	303	.14	.00	.00	.00
MIN	.00	.00	4.0	21	20	43	17	.17	.00	.00	.00	.00
CFSM	.00	.01	.84	.53	1.88	1.57	.64	.43	.00	.00	.00	.00
IN.	.00	.01	.97	.61	2.02	1.81	.72	.50	.00	.00	.00	.00
AC-FT	.00	32	4580	2890	9590	8580	3410	2380	3.2	.00	.00	.00

CAL YR 1983	TOTAL	22560.36	MEAN	61.8	MAX	1200	MIN	.00	CFSM	.70	IN.	9.44	AC-FT	44750
WTR YR 1984	TOTAL	15863.60	MEAN	43.3	MAX	572	MIN	.00	CFSM	.49	IN.	6.64	AC-FT	31470

07349795 CYPRESS BAYOU ABOVE BENTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.62	-0.91	2.88	3.55	3.87	7.16	4.82	7.11	2.09	1.87	.88	-0.01
2	-0.66	-0.91	2.77	3.54	3.75	6.33	4.53	7.08	2.06	1.84	.84	.06
3	-0.69	-0.91	4.79	3.68	3.73	5.63	4.74	7.62	2.03	1.81	.81	.26
4	-0.72	-0.91	6.83	3.77	3.76	5.52	5.06	7.06	2.00	1.77	.79	.50
5	-0.76	-0.90	6.60	3.77	3.77	7.03	4.69	5.62	1.99	1.81	.76	.47
6	-0.80	-0.83	5.35	3.74	3.66	7.84	4.29	4.33	2.01	1.81	.71	.44
7	-0.83	-0.60	4.06	3.67	3.54	7.87	4.07	3.81	2.05	1.77	.68	.39
8	-0.86	-0.59	3.53	3.55	3.43	7.46	3.99	3.56	2.05	1.73	.89	.36
9	-0.89	-0.59	3.22	3.47	3.43	6.77	5.51	3.62	2.01	1.68	.96	.37
10	-0.90	-0.60	3.37	3.96	3.74	5.99	---	3.50	1.98	1.65	.94	.33
11	-0.91	-0.62	5.54	4.90	4.31	5.43	---	3.24	1.94	1.60	.92	.29
12	-0.90	-0.63	6.38	4.82	6.99	5.54	---	3.02	2.02	1.56	.88	.24
13	-0.90	-0.64	6.47	4.42	9.04	6.33	---	2.88	2.04	1.52	.84	.20
14	-0.91	-0.65	5.88	4.10	9.01	6.48	---	2.77	2.02	1.48	.80	.15
15	-0.92	-0.66	5.06	3.94	8.69	6.22	---	2.68	2.00	1.44	.75	.14
16	-0.92	-0.68	4.50	3.90	8.05	5.65	---	2.58	1.98	1.41	.71	.11
17	-0.92	-0.70	4.34	3.99	7.40	5.26	---	2.49	2.10	1.47	.66	.06
18	-0.92	-0.71	4.59	4.08	6.97	5.04	---	2.42	2.09	1.44	.61	.01
19	-0.92	-0.58	4.91	4.12	6.59	4.86	---	2.39	2.06	1.39	.56	-0.04
20	-0.92	-0.38	4.90	4.06	6.11	4.62	---	2.37	2.06	1.34	.51	-0.09
21	-0.92	-0.38	4.72	3.88	5.63	4.37	---	2.35	2.02	1.29	.47	.03
22	-0.92	-0.37	4.99	3.74	5.26	4.15	---	2.32	1.97	1.24	.40	.25
23	-0.92	.25	5.16	3.91	5.02	4.09	---	2.30	1.94	1.20	.39	.31
24	-0.92	.30	---	5.19	4.83	4.08	---	2.33	1.90	1.19	.39	.39
25	-0.92	.28	---	5.62	4.66	4.17	---	2.32	1.86	1.15	.34	.39
26	-0.91	.28	---	5.20	4.88	4.18	---	2.28	1.87	1.12	.29	.36
27	-0.91	.56	---	4.72	7.06	4.12	---	2.24	1.96	1.09	.24	.33
28	-0.91	1.07	---	4.45	7.68	5.15	---	2.21	1.95	1.07	.20	.29
29	-0.91	2.92	---	4.25	7.69	6.07	---	2.18	1.93	1.03	.15	.25
30	-0.91	2.99	---	4.10	---	6.20	---	2.17	1.91	.98	.10	.21
31	-0.91	---	---	3.99	---	5.62	---	2.14	---	.93	.05	---
MAX	-0.62	2.99	6.83	5.62	9.04	7.87	---	7.62	2.10	1.87	.96	.50
MIN	-0.92	-0.91	2.77	3.47	3.43	4.08	---	2.14	1.86	.93	.05	-0.09

07349815 CYPRESS BAYOU LAKE NEAR BENTON, LA

LOCATION.--Lat 32°39'07", long 93°40'11", in NE1/4SW1/4 sec. 12, T.19 N., R.13 W., Webster Parish, Hydrologic Unit 11140204, attached to pier of catwalk to diversion structure about 4,500 ft northwest of spillway, and 5.0 mi southeast of Benton.

DRAINAGE AREA.--163 mi^2.

PERIOD OF RECORD.--January 1975 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of the gage is 170.00 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Reservoir is formed by a 6,000-ft earthfill dam on Cypress Bayou. The 250-ft concrete spillway with crest at 9.60 ft, gage datum, is located at left end of dam. Capacity at spillway crest, 25,000 acre-ft . A 6- by 6-ft sluice gate with still at -1[illegible].5 ft, gage datum, is located at diversion structure 4,500 ft northwest of spillway. Water from Cypress Bayou Lake is diverted into Black Bayou Lake by way of this structure. Dam completed and storage began in 1975. Reservoir is used for flood control, conservation, and recreation. Gates closed throughout the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.73 ft May 5, 1979; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.48 ft Feb. 15; minimum, 8.06 ft Nov. 18, 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATION AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.38	8.09	8.33	9.66	9.71	10.13	9.83	9.63	9.34	9.22	8.94	8.65
2	8.36	8.08	8.32	9.65	9.69	10.11	9.80	9.67	9.32	9.20	8.92	8.63
3	8.34	8.08	8.59	9.65	9.72	10.06	9.81	9.84	9.31	9.19	8.89	8.63
4	8.33	8.08	8.69	9.65	9.70	9.97	9.79	9.94	9.29	9.17	8.88	8.69
5	8.32	8.16	8.81	9.65	9.68	10.20	9.78	9.98	9.26	9.26	8.95	8.65
6	8.30	8.15	8.95	9.65	9.66	10.27	9.75	9.94	9.27	9.27	8.94	8.63
7	8.28	8.23	9.01	9.65	9.65	10.26	9.73	9.87	9.30	9.26	8.92	8.61
8	8.27	8.22	9.04	9.65	9.64	10.23	9.72	9.94	9.29	9.24	8.96	8.57
9	8.26	8.21	9.04	9.65	9.68	10.21	9.72	9.82	9.28	9.22	8.97	8.57
10	8.25	8.20	9.08	9.74	9.67	10.12	9.70	9.76	9.27	9.18	8.96	8.55
11	8.23	8.19	9.31	9.70	9.67	10.04	9.88	9.72	9.26	9.17	8.97	8.54
12	8.32	8.16	9.40	9.72	10.16	9.99	9.96	9.69	9.28	9.15	8.97	8.50
13	8.26	8.16	9.51	9.73	10.41	10.02	10.01	9.66	9.27	9.13	8.94	8.51
14	8.24	8.16	9.69	9.74	10.45	10.01	10.03	9.65	9.26	9.17	8.93	8.49
15	8.22	8.16	9.76	9.75	10.44	10.00	9.97	9.63	9.24	9.15	8.91	8.49
16	8.21	8.14	9.77	9.72	10.45	10.00	9.91	9.59	9.22	9.13	8.90	8.44
17	8.21	8.12	9.83	9.72	10.37	9.95	9.83	9.57	9.30	9.21	8.89	8.41
18	8.21	8.11	9.81	9.73	10.26	9.91	9.78	9.55	9.28	9.19	8.87	8.39
19	8.20	8.09	9.80	9.73	10.19	9.88	9.77	9.52	9.27	9.16	8.85	8.36
20	8.19	8.17	9.79	9.70	10.10	9.82	9.73	9.55	9.33	9.13	8.82	8.35
21	8.20	8.15	9.84	9.69	10.03	9.78	9.70	9.53	9.31	9.11	8.80	8.33
22	8.20	8.15	9.85	9.68	9.97	9.76	9.73	9.51	9.29	9.09	8.79	8.45
23	8.18	8.30	9.83	9.71	9.91	9.74	9.71	9.52	9.27	9.07	8.77	8.47
24	8.17	8.29	9.83	9.74	9.87	9.75	9.68	9.51	9.25	9.05	8.81	8.46
25	8.16	8.26	9.77	9.77	9.82	9.71	9.65	9.49	9.24	9.04	8.79	8.46
26	8.14	8.26	9.76	9.80	9.76	9.70	9.66	9.48	9.21	9.05	8.76	8.46
27	8.13	8.34	9.77	9.80	10.10	9.70	9.65	9.47	9.23	9.03	8.74	8.42
28	8.12	8.34	9.71	9.79	10.12	9.81	9.64	9.46	9.27	9.03	8.72	8.43
29	8.11	8.32	9.69	9.77	10.13	9.76	9.58	9.44	9.24	9.01	8.71	8.39
30	8.10	8.34	9.68	9.78	---	9.80	9.66	9.40	9.25	8.99	8.70	8.37
31	8.09	---	9.67	9.72	---	9.82	---	9.37	---	8.96	8.67	---
MAX	8.38	8.34	9.85	9.80	10.45	10.27	10.03	9.98	9.34	9.27	8.97	8.69
MIN	8.09	8.08	8.32	9.65	9.64	9.70	9.58	9.37	9.21	8.96	8.67	8.33

BEST COPY AVAILABLE

07349860 RED CHUTE BAYOU AT SLIGO, LA

LOCATION.--Lat 32°26'50", long 93°35'40", SW1/4NW1/4 sec. 22, T. 17 N., R. 12 W., Bossier Parish, Hydrologic Unit 11140204, on downstream side of bridge on State Highway 612, 0.5 mi west of Sligo.

DRAINAGE AREA.--980 mi².

PERIOD OF RECORD.--Annual maximums, water years 1960-80. July 1980 to current year.

REVISED RECORDS.--WDR LA-82-1: 1968-80(M).

GAGE.--Water-stage recorder. Altitude of gage is 120.00 ft. Dec. 1, 1959 to July 10, 1980, crest-stage indicator at same site. Dec. 1, 1966 to July 10, 1980 at datum 121.26 ft lower and prior to Dec. 1, 1966 at National Geodectic Vertical Datum of 1929.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 35.01 ft, present datum, June 22, 1979; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,350 ft^3/s Mar. 6, gage height, 29.44 ft; minimum discharge, 12 ft^3/s Oct. 9, 10, 11, Nov. 19; minimum gage height, 16.27 ft Oct. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	162	71	1160	769	1680	1320	1100	395	36	33	42
2	16	170	86	1150	771	1620	1310	1070	344	35	34	42
3	16	175	180	1120	769	1570	1310	1060	292	34	37	43
4	16	181	217	1090	763	1630	1300	1020	238	33	32	43
5	15	189	215	1070	754	2220	1300	990	187	32	38	44
6	15	193	230	1050	746	2340	1290	973	137	38	39	45
7	14	200	252	1010	733	2250	1290	1000	103	45	37	49
8	13	201	274	971	721	2070	1290	1250	87	44	40	53
9	12	194	301	942	714	1920	1300	1200	82	47	42	53
10	12	183	447	934	697	1820	1310	1180	82	47	37	52
11	13	168	557	899	677	1770	1440	1100	81	45	36	49
12	17	143	478	877	1270	1780	1410	1000	76	41	36	47
13	21	105	479	858	1350	1770	1410	941	70	40	38	44
14	29	73	505	842	1410	1750	1400	882	63	39	39	43
15	40	47	542	835	1420	1730	1410	824	57	37	40	42
16	54	30	599	824	1410	1710	1430	795	53	33	41	41
17	69	21	681	812	1440	1690	1470	761	49	34	41	40
18	79	15	748	814	1460	1670	1450	744	49	32	40	40
19	81	14	811	803	1490	1650	1400	720	46	29	39	40
20	72	28	863	792	1510	1630	1380	712	42	26	38	41
21	64	29	1010	781	1510	1600	1370	707	40	24	37	45
22	58	40	1120	770	1520	1550	1350	698	38	23	36	54
23	47	58	1160	781	1510	1520	1340	685	37	24	36	56
24	37	58	1200	793	1500	1490	1320	674	35	25	37	58
25	30	50	1200	789	1480	1460	1290	661	35	26	48	57
26	27	42	1200	785	1550	1430	1270	619	32	31	48	57
27	49	48	1210	784	1740	1410	1240	589	34	35	44	55
28	97	54	1220	783	1740	1400	1210	557	34	37	43	52
29	132	51	1220	784	1740	1370	1170	520	34	36	44	49
30	153	57	1200	777	---	1350	1130	481	35	36	43	47
31	160	---	1190	771	---	1330	---	439	---	34	43	---
TOTAL	1475	2979	21466	27451	35164	52180	39910	25952	2887	1078	1216	1423
MEAN	47.6	99.3	692	886	1213	1683	1330	837	96.2	34.8	39.2	47.4
MAX	160	201	1220	1160	1740	2340	1470	1250	395	47	48	58
MIN	12	14	71	770	677	1330	1130	439	32	23	32	40
AC-FT	2930	5910	42580	54450	69750	103500	79160	51480	5730	2140	2410	2820

CAL YR 1983	TOTAL	368189	MEAN	1009	MAX	3600	MIN	12	AC-FT	730300
WTR YR 1984	TOTAL	213171	MEAN	582	MAX	2340	MIN	12	AC-FT	422800

07349860 RED CHUTE BAYOU AT SLIGO, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.47	18.52	17.56	24.70	22.93	26.96	25.43	24.48	20.35	16.75	16.61	16.80
2	16.45	18.61	17.76	24.63	22.94	26.73	25.42	24.31	19.97	16.73	16.63	16.80
3	16.43	18.68	18.72	24.50	22.93	26.56	25.43	24.20	19.57	16.72	16.69	16.81
4	16.42	18.73	19.09	24.36	22.89	26.77	25.38	24.04	19.12	16.69	16.58	16.81
5	16.41	18.82	19.07	24.27	22.85	29.00	25.35	23.93	18.64	16.67	16.71	16.82
6	16.40	18.87	19.21	24.14	22.80	29.41	25.34	23.85	18.14	16.80	16.73	16.85
7	16.36	18.94	19.40	24.01	22.73	29.10	25.31	23.99	17.80	16.91	16.69	16.91
8	16.32	18.94	19.59	23.87	22.66	28.47	25.31	25.07	17.59	16.89	16.74	16.97
9	16.29	18.86	19.80	23.76	22.62	27.91	25.35	24.86	17.51	16.94	16.78	16.98
10	16.28	18.77	20.86	23.73	22.52	27.53	25.42	24.76	17.50	16.96	16.69	16.95
11	16.32	18.61	21.65	23.59	22.40	27.33	25.96	24.35	17.49	16.91	16.66	16.91
12	16.44	18.37	21.11	23.50	25.20	27.39	25.84	23.94	17.43	16.84	16.67	16.87
13	16.56	17.98	21.12	23.41	25.57	27.35	25.86	23.70	17.33	16.83	16.70	16.84
14	16.75	17.58	21.30	23.33	25.86	27.25	25.79	23.46	17.22	16.81	16.73	16.82
15	16.95	17.22	21.56	23.29	25.91	27.19	25.86	23.17	17.13	16.76	16.74	16.80
16	17.18	16.88	21.93	23.23	25.87	27.08	25.92	23.00	17.04	16.70	16.76	16.78
17	17.39	16.62	22.42	23.17	25.98	27.01	26.11	22.81	16.99	16.71	16.76	16.77
18	17.52	16.43	22.81	23.17	26.07	26.95	26.04	22.71	16.98	16.67	16.75	16.77
19	17.53	16.40	23.16	23.11	26.20	26.88	25.78	22.57	16.93	16.60	16.73	16.77
20	17.38	16.83	23.43	23.06	26.28	26.77	25.73	22.51	16.87	16.52	16.71	16.78
21	17.26	16.86	24.05	23.00	26.31	26.65	25.66	22.49	16.83	16.46	16.69	16.85
22	17.16	17.09	24.48	22.93	26.32	26.45	25.60	22.43	16.79	16.45	16.66	17.00
23	16.98	17.39	24.70	22.99	26.31	26.33	25.52	22.35	16.77	16.47	16.66	17.04
24	16.80	17.39	24.86	23.06	26.26	26.22	25.44	22.28	16.73	16.50	16.69	17.07
25	16.66	17.27	24.86	23.04	26.19	26.09	25.33	22.19	16.73	16.53	16.89	17.06
26	16.58	17.14	24.86	23.02	26.47	25.95	25.21	21.93	16.68	16.61	16.88	17.06
27	17.00	17.23	24.94	23.01	27.23	25.86	25.08	21.75	16.70	16.66	16.82	17.03
28	17.76	17.32	24.98	23.01	27.23	25.82	24.94	21.54	16.71	16.68	16.80	16.98
29	18.20	17.29	24.96	23.01	27.21	25.69	24.77	21.29	16.72	16.68	16.81	16.94
30	18.41	17.37	24.90	22.97	---	25.59	24.62	20.99	16.73	16.67	16.81	16.90
31	18.49	---	24.82	22.94	---	25.50	---	20.69	---	16.64	16.81	---
MAX	18.49	18.94	24.98	24.70	27.23	29.41	26.11	25.07	20.35	16.96	16.89	17.07
MIN	16.28	16.40	17.56	22.93	22.40	25.50	24.62	20.69	16.68	16.45	16.58	16.77

07349990 RED RIVER AT WILLIAMS, LA

LOCATION.--Lat 32°11'41", long 93°27'52", SE1/4 sec.14, T.14 N., R.10 W., Red River Parish, Hydrologic Unit 11140202, near right bank, 0.8 mi east of Williams, and at mi 241.0.

DRAINAGE AREA.--63,300 mi^2, approximately, of which 5936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1983 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 12...	1300	1060	7.4	21.5	5	10	9.8	39	3.5	K4400	80	480
NOV 03...	0830	1350	7.4	19.0	5	250	8.2	20	1.5	4600	450	2600
DEC 07...	1000	596	7.2	10.0	50	120	10.1	37	1.8	6500	620	3600
JAN 17...	1320	443	7.2	4.0	30	35	12.9	14	2.5	7600	K300	570
FEB 22...	1330	195	7.3	12.0	80	95	9.9	14	1.9	1800	160	140
MAR 23...	0845	347	7.7	15.0	60	130	9.2	17	2.2	4000	K40	5700
APR 04...	1300	279	7.3	14.5	60	150	9.4	--	2.4	8000	640	K500
MAY 09...	0945	210	7.7	21.0	120	230	6.9	17	1.9	6600	K1100	1600
JUN 06...	1130	880	7.8	25.0	15	45	7.7	17	1.6	620	K340	150
JUL 06...	1245	1100	8.5	30.5	10	6.0	9.8	18	5.5	280	K24	80
AUG 14...	1010	971	8.3	28.5	15	7.0	7.6	20	4.5	660	110	88
SEP 14...	1000	1410	8.4	29.0	10	10	8.5	23	4.4	--	150	K80

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT 12...	240	65	19	151	120	160	612
NOV 03...	270	72	22	127	--	--	764
DEC 07...	140	35	12	67	--	--	325
JAN 17...	100	28	7.3	69	45	63	262
FEB 22...	51	15	3.3	40	--	--	128
MAR 23...	82	25	4.8	50	37	46	205
APR 04...	71	22	3.8	54	27	31	156
MAY 09...	69	21	3.9	60	19	17	135
JUN 06...	200	56	14	105	110	140	531
JUL 06...	250	66	21	139	130	180	658
AUG 14...	250	66	20	174	99	150	577
SEP 14...	310	81	25	171	160	310	796

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07349990 RED RIVER AT WILLIAMS, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT							
12...	2	<.01	.1	2.6	.12	.03	6.3
NOV							
03...	461	.03	.2	.7	.07	.04	13
DEC							
07...	200	.03	.6	.5	.14	.10	8.7
JAN							
17...	47	.02	.3	.9	.14	.09	6.7
FEB							
22...	152	.03	.2	.5	.16	.08	8.7
MAR							
23...	156	.03	.3	.5	.10	.05	8.9
APR							
04...	108	.06	.3	.7	.08	.08	12
MAY							
09...	318	.21	.5	4.0	--	.35	8.6
JUN							
06...	98	.01	<.1	1.5	.07	.06	4.6
JUL							
06...	20	<.01	<.1	1.5	.10	.05	6.2
AUG							
14...	39	.03	<.1	1.7	.13	.08	2.8
SEP							
14...	42	<.01	<.1	2.0	.09	.09	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)
OCT											
12...	1	<10	<1	10	3	810	6	190	<.1	2	<1
JAN											
17...	1	<10	1	10	9	1700	2	80	<.1	5	<1
APR											
04...	2	<10	<1	10	11	8200	10	260	<.1	10	<1
JUL											
06...	2	<10	1	<10	2	390	<1	120	.3	1	<1

DATE	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT											
12...	10	<.01	13	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN											
17...	10	<.01	4	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR											
04...	50	--	11	--	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL											
06...	10	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07349990 RED RIVER AT WILLIAMS, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT 12...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN 17...	.02	.003	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR 04...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL 06...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 12...	<.01	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01
JAN 17...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01
APR 04...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01
JUL 06...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07350000 LOGGY BAYOU NEAR NINOCK, LA

LOCATION.--Lat 32°14'10", long 93°25'35", in SE1/4SE1/4 sec.31, T.15 N., R.10 W., Bienville-Bossier Parish line, Hydrologic Unit 11140203, near center of span on downstream side of bridge on U.S. Highway 71, 0.3 mi downstream from Flat River, 1.9 mi southeast of Ninock, and 7.5 mi upstream from mouth.

DRAINAGE AREA.--2,628 mi^2.

PERIOD OF RECORD.--October 1948 to December 1960. January 1961 to September 1964 (annual maximum). January 1961 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 100.26 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Mar. 29, 1949, and June 30 to Sept. 24, 1951, nonrecording gage at same site and datum. Sept. 15, 1955, to Sept. 30, 1964, auxiliary water-stage recorder 6.0 mi downstream from base gage at datum 100.21 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Sept. 15, 1955, auxiliary nonrecording gage at same site, and prior to Sept. 23, 1953, at datum 9.79 ft higher.

REMARKS.--Some regulation by Lake Bistineau since 1935 (station 07349250) and of flood flows by Bodcau Bayou Reservoir (capacity, 967,900 acre-ft) since July 1949.

AVERAGE DISCHARGE.--12 years (water years 1949-60), 2,290 ft^3/s, 1,659,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,600 ft^3/s May 4, 1958; maximum gage height, 47.83 ft May 8, 1958; minimum discharge, no flow at time (backwater from Red River); minimum gage height, 9.46 ft Oct. 23-25, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 29.24 ft Mar. 6; minimum gage height 11.51 ft Sept. 27.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	21.22	16.68	18.68	15.89	23.57	27.03	20.15	15.49	13.57	13.82	12.54
2	---	20.54	16.75	18.95	14.78	23.51	26.75	19.58	15.00	13.64	13.76	12.40
3	---	19.93	18.75	19.17	14.37	24.42	26.39	19.30	15.03	13.46	13.52	12.46
4	12.34	19.92	18.99	18.79	14.06	24.70	25.86	18.93	15.64	13.28	13.21	12.69
5	12.01	20.10	19.14	17.99	13.73	28.64	25.35	21.97	16.26	13.42	13.20	12.82
6	11.75	20.14	18.97	17.37	13.41	29.21	24.79	25.99	16.33	13.62	13.13	12.61
7	12.30	20.19	18.67	17.00	13.30	29.17	24.27	26.77	15.76	14.02	12.78	12.68
8	12.47	20.00	18.62	16.80	13.21	28.89	24.09	26.92	14.92	14.49	12.44	13.02
9	12.61	19.39	18.67	16.61	13.28	28.29	23.90	26.17	14.41	14.85	12.38	13.10
10	12.75	18.73	20.03	16.42	13.44	27.60	23.64	25.33	14.20	14.82	12.67	12.72
11	12.64	18.25	24.23	16.28	13.44	26.91	24.18	24.31	13.83	14.76	12.89	12.28
12	12.45	18.04	21.31	16.24	19.26	26.33	24.93	23.48	13.40	14.81	13.04	12.03
13	12.39	17.98	20.39	16.17	20.40	26.13	25.11	22.99	13.27	14.68	13.11	11.97
14	12.37	17.98	20.01	16.02	19.28	25.83	25.13	22.67	13.30	14.38	13.10	12.26
15	12.35	17.89	20.25	16.40	19.76	25.59	24.80	22.26	13.39	14.17	13.13	12.59
16	12.31	17.55	20.52	16.65	21.97	26.25	24.13	21.54	13.40	13.94	13.07	12.81
17	12.21	16.96	20.26	16.62	22.55	27.01	23.59	20.03	13.41	13.63	13.09	12.90
18	12.05	16.50	19.83	16.72	22.44	26.89	23.18	18.95	13.31	13.53	13.29	12.58
19	11.93	16.33	19.39	16.95	22.36	26.33	22.62	18.65	13.04	13.76	13.41	12.26
20	11.87	16.33	19.02	16.88	22.28	25.84	22.07	18.25	12.83	13.97	13.05	12.06
21	11.78	16.33	19.16	16.48	22.39	25.31	21.69	17.10	13.05	13.97	12.52	11.89
22	11.75	16.35	20.09	16.12	22.46	24.92	21.04	16.35	13.66	13.79	12.11	11.90
23	11.82	16.79	19.84	16.16	22.46	24.53	20.46	16.14	14.01	13.31	11.96	11.88
24	12.30	16.63	19.71	16.35	22.42	24.41	20.07	16.42	14.07	12.86	12.11	11.85
25	12.50	16.37	19.63	16.38	22.02	24.45	20.04	16.67	13.87	12.67	12.32	11.66
26	12.16	16.19	19.63	16.16	21.86	24.37	20.57	16.80	13.54	12.85	12.44	11.55
27	12.14	17.11	19.61	16.71	23.85	24.55	21.14	16.86	13.45	13.34	12.48	11.56
28	12.41	16.53	18.69	16.66	24.18	25.50	21.75	16.74	13.43	13.68	12.58	13.02
29	12.98	16.40	18.41	16.55	24.00	26.06	21.68	16.56	13.42	13.76	12.71	14.45
30	18.63	16.56	18.33	16.34	---	26.57	20.93	16.24	13.40	14.00	12.74	14.62
31	20.90	---	18.40	16.14	---	27.02	---	15.92	---	13.96	12.68	---
MAX	20.90	21.22	24.23	19.17	24.18	29.21	27.03	26.92	16.33	14.85	13.82	14.62
MIN	11.75	16.19	16.68	16.02	13.21	23.51	20.04	15.92	12.83	12.67	11.96	11.55

07350020 LOGGY BAYOU NEAR EAST POINT, LA

LOCATION.--Lat 32°11'40", long 93°26'30", in SW1/4SW1/4 sec. 18, T. 14 N., R. 10 W., Red River Parish, Hydrologic Unit 11130203, on downstream side of bridge on State Highway 515, 1.7 mi above mouth and confluence with Red River, and 2.0 mi north of East Point.

DRAINAGE AREA.--2,648 mi^2.

PERIOD OF RECORD.--October 1, 1980, to current year. September 1955 to September 1964, stage records only, in files of U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.21 ft National Geodectic Vertical Datum of 1929 (levels by Corps of Engineers). Water-stage recorder for station Loggy Bayou near Ninock (station number 07350000) used as auxiliary gage for this station since October 1, 1980.

REMARKS.--Records poor. No gage height record Apr. 6 to May 8. Indefinite stage-discharge relation, Oct. 6, 10, 13-16, 23-25, 29, Nov. 2-9, 15-27, Jan. 27 to Feb. 2, 6-10, June 4, 5, 16, 20-24, 26, to July 8, 20-25, 28 to Aug. 26, 30 to Sept. 7, 13-30.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,000 ft^3/s Feb. 12, 1983; maximum gage height, 32.25 ft June 10, 1981; minimum daily discharge, 22 ft^3/s Oct. 7, 1982.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge, 11,300 ft^3/s Mar. 6; maximum gage height 26.80 ft Mar. 31; mininum daily discharge, 67 ft^3/s Aug. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	580	981	279	2650	920	5550	3250	3000	444	200	230	83
2	565	880	339	2610	680	4930	3480	2800	378	180	215	82
3	560	800	2190	2570	822	4880	3920	2700	220	150	200	82
4	547	700	1630	2530	777	5380	3900	4000	200	140	180	80
5	393	740	1230	2340	756	10500	4020	5000	250	200	170	80
6	380	760	1130	2190	720	11200	3890	5200	265	250	155	78
7	374	740	1010	2070	700	11200	3600	4100	391	260	140	80
8	297	680	936	1970	660	11000	3300	3300	342	170	132	80
9	129	550	994	1910	700	10600	3200	3070	233	132	110	99
10	130	304	2620	1890	640	9940	5200	2700	184	128	95	94
11	353	187	6720	1840	752	9250	5600	2490	241	116	86	93
12	392	157	3720	1750	3460	8630	6000	2280	184	117	80	88
13	400	122	2910	1720	3870	8410	5800	2140	127	114	78	76
14	390	173	2620	1670	2440	7930	5600	2040	80	123	76	80
15	360	160	2460	1700	1980	7430	5100	1960	89	117	74	84
16	320	150	2580	1700	2010	6760	4700	1840	110	106	70	86
17	294	130	2700	1690	1870	6370	4300	1660	129	106	80	85
18	569	200	2690	1680	1790	6070	4000	1290	114	121	145	82
19	635	400	2690	1680	2630	5600	3900	1150	133	132	150	80
20	672	680	2670	1680	3560	5290	3700	1210	140	140	130	78
21	659	1000	2880	1640	4140	4690	3500	1200	110	150	115	78
22	531	1500	3620	1570	4470	4310	3400	1150	160	155	96	98
23	480	1700	3430	1670	4630	3970	3000	1060	180	160	86	122
24	430	1500	3360	1780	4620	3720	3100	971	130	140	80	132
25	300	1300	3300	1740	4490	3530	2900	886	122	110	74	110
26	264	1400	3100	1730	4560	3360	3100	794	150	112	70	73
27	247	1000	2900	1600	6330	3200	3400	756	170	167	67	130
28	257	543	3040	1400	6480	3180	3700	698	180	200	72	230
29	300	352	2850	1200	6120	3190	3600	686	190	220	72	250
30	908	296	2780	1100	---	2980	3300	573	200	230	86	240
31	1070	---	2690	1000	---	3000	---	486	---	240	85	---
TOTAL	13786	20085	78068	56260	77577	196050	119460	63190	5846	4886	3499	3133
MEAN	445	670	2518	1815	2675	6324	3982	2038	195	158	113	104
MAX	1070	1700	6720	2650	6480	11200	6000	5200	444	260	230	250
MIN	129	122	279	1000	640	2980	2900	486	80	106	67	73
AC-FT	27340	39840	154800	111600	153900	388900	236900	125300	11600	9690	6940	6210

CAL YR 1983 TOTAL 1101905 MEAN 3019 MAX 14800 MIN 122 AC-FT 2186000
WTR YR 1984 TOTAL 641840 MEAN 1754 MAX 11200 MIN 67 AC-FT 1273000

07350020 LOGGY BAYOU NEAR EAST POINT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.21	21.16	16.69	17.23	14.87	21.46	26.67	---	15.44	13.60	13.86	12.58
2	12.17	20.50	16.75	17.71	14.28	21.95	26.32	---	14.96	13.67	13.81	12.44
3	12.17	19.90	17.88	18.06	13.96	23.20	25.83	---	15.04	13.49	13.58	12.49
4	12.02	19.90	18.56	17.57	13.65	23.25	24.27	---	15.68	13.31	13.25	12.73
5	11.85	20.07	18.93	16.66	13.30	24.87	24.75	---	16.30	13.45	13.23	12.86
6	11.83	20.12	18.79	15.93	12.94	24.98	24.10	---	16.34	13.66	13.17	12.65
7	12.17	20.16	18.52	15.57	12.83	24.99	---	---	15.73	14.06	12.83	12.72
8	12.40	19.97	18.49	15.43	12.73	24.67	---	---	14.90	14.53	12.47	13.05
9	12.62	19.40	18.52	15.24	12.78	23.95	---	25.84	14.41	14.88	12.40	13.13
10	12.78	18.74	18.98	14.94	12.94	23.30	---	25.03	14.21	14.84	12.71	12.75
11	12.54	18.28	20.05	14.84	12.97	22.78	---	24.02	13.82	14.79	12.92	12.31
12	12.31	18.07	19.83	14.96	16.14	22.47	---	23.20	13.41	14.84	13.08	12.06
13	12.47	18.01	19.35	14.93	18.01	22.53	---	22.73	13.29	14.71	13.15	12.01
14	12.68	18.02	19.09	14.81	18.32	22.58	---	22.41	13.34	14.41	13.14	12.30
15	12.56	17.94	19.52	15.31	19.23	22.80	---	22.00	13.43	14.20	13.17	12.63
16	12.46	17.61	19.74	15.68	21.68	24.39	---	21.27	13.44	13.97	13.11	12.86
17	12.14	17.02	19.35	15.68	22.33	25.59	---	19.70	13.43	13.66	13.13	12.94
18	11.68	16.57	18.81	15.80	22.24	25.57	---	18.70	13.33	13.56	13.30	12.62
19	11.45	16.41	18.22	16.11	21.86	25.15	---	18.44	13.06	13.79	13.46	12.30
20	11.32	16.41	17.74	16.02	21.31	24.72	---	17.99	12.86	14.00	13.08	12.10
21	11.24	16.41	17.64	15.53	21.03	24.37	---	16.73	13.12	14.02	12.54	11.93
22	11.41	16.42	17.98	15.11	20.82	24.09	---	15.91	13.72	13.84	12.14	11.92
23	12.21	16.76	17.90	15.01	20.65	23.78	---	15.76	14.06	13.37	12.00	11.89
24	12.77	16.67	17.68	15.07	20.59	23.74	---	16.13	14.11	12.91	12.15	11.87
25	12.60	16.42	---	15.21	20.03	23.85	---	16.45	13.90	12.71	12.36	11.68
26	12.11	16.26	---	15.58	19.63	23.82	---	16.64	13.57	12.88	12.48	11.59
27	12.11	16.81	---	15.74	20.74	24.08	---	16.73	13.48	13.35	12.51	11.59
28	12.38	16.46	16.35	15.69	21.27	25.07	---	16.62	13.46	13.72	12.61	13.07
29	13.01	16.39	16.32	15.55	21.48	25.68	---	16.44	13.45	13.80	12.74	14.50
30	18.69	16.57	16.33	15.30	---	26.26	---	16.15	13.44	14.04	12.78	14.67
31	20.85	---	16.67	15.06	---	26.72	---	15.86	---	14.01	12.71	---
MAX	20.85	21.16	20.85	18.06	22.33	26.72	26.67	---	16.34	14.88	13.86	14.67
MIN	11.24	16.26	16.32	14.81	12.73	21.46	---	15.76	12.86	12.71	12.00	11.59

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07350517 RED RIVER AT CAMPTI, LA

LOCATION.--Lat 31°53'33", long 93°07'56", in SW1/4 sec.31, T.10 N., R.7 W., Natchitoches Parish, Hydrologic Unit 11140202, near left bank, 0.5 mi west of Campti, and at mile 194.0.

DRAINAGE AREA.--64,500 mi², approximately, of which 5,936 mi² above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1983 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 12...	1030	1070	7.4	22.0	5	10	8.6	30	3.7	--	2800	1600
NOV 03...	1300	1330	7.6	20.0	5	250	7.8	10	1.6	1000	210	3900
DEC 07...	1710	584	7.3	11.0	50	150	10.0	23	2.5	4900	1600	11000
JAN 17...	1730	673	7.3	4.0	30	35	--	28	--	11000	110	2200
FEB 22...	1200	220	7.4	11.5	100	130	9.2	17	1.5	K800	--	540
MAR 22...	0800	331	7.5	15.0	80	160	8.7	17	1.7	2000	120	3400
APR 04...	0830	279	7.6	14.5	100	190	9.2	<10	2.5	4100	1000	420
MAY 08...	1530	284	7.4	22.0	80	310	6.8	13	4.0	K950	310	180
JUN 06...	0945	566	7.9	25.5	20	40	7.5	17	1.7	K120	K36	160
JUL 06...	0830	1120	8.2	29.0	10	7.0	7.6	19	5.8	K40	K24	300
AUG 14...	0830	1120	8.2	28.0	10	7.0	7.4	18	2.7	K50	K12	88
SEP 10...	1700	1290	8.2	29.0	15	10	9.4	14	5.3	--	K32	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)
OCT 12...	250	70	19	189	110	150	634
NOV 03...	270	74	21	132	--	--	761
DEC 07...	130	33	11	68	--	--	320
JAN 17...	170	45	13	96	69	98	387
FEB 22...	38	9.0	3.7	44	--	--	137
MAR 22...	79	24	4.7	61	32	40	189
APR 04...	69	21	3.9	62	26	29	154
MAY 08...	83	25	5.0	74	26	27	182
JUN 06...	170	48	11	129	64	76	327
JUL 06...	250	64	21	132	130	190	691
AUG 14...	280	74	23	189	120	180	709
SEP 10...	300	78	25	159	160	270	872

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07350517 RED RIVER AT CAMPTI, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 12...	12	.03	<.1	1.2	.10	.02	7.4
NOV 03...	499	.04	.3	1.2	.22	.03	11
DEC 07...	230	.03	.6	.4	.14	.10	8.8
JAN 17...	60	.03	.3	.9	.13	.06	8.7
FEB 22...	196	.04	.2	.5	.19	.08	9.1
MAR 22...	128	.05	.3	.8	.20	.07	11
APR 04...	264	.07	.3	.7	.24	.10	10
MAY 08...	878	.04	.3	3.4	.09	.06	11
JUN 06...	--	.01	<.1	1.1	.07	.04	5.6
JUL 06...	36	<.01	<.1	1.5	.10	.04	6.0
AUG 14...	43	.03	<.1	1.4	.19	.10	6.0
SEP 10...	--	<.01	<.1	1.4	.05	.05	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)
OCT 12...	2	<10	<1	10	4	700	3	210	<.1	4	<1
JAN 17...	2	<10	1	10	7	3400	3	110	.1	5	<1
APR 04...	2	<10	<1	20	15	11000	20	310	<.1	11	<1
JUL 06...	2	<10	1	<10	3	560	3	160	.3	1	<1

DATE	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT 12...	20	<.01	8	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN 17...	20	<.01	7	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR 04...	70	<.01	5	4	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL 06...	20	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

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07350517 RED RIVER AT CAMPTI, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT 12...	.04	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN 17...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR 04...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL 06...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 12...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	.01	<.01
JAN 17...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01
APR 04...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01
JUL 06...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA

LOCATION.--Lat 32°18'00", long 93°49'40", in SW1/4 sec. 8, T. 15 N., R. 14 W., Caddo Parish, Hydrologic Unit 11140206, on downstream side of bridge on U.S. Highway 171, immediately downstream from Texas and Pacific Railroad bridge, 2.0 mi south of Keithville, and 6.0 mi upstream from mouth of Boggy Bayou.

DRAINAGE AREA.--66 mi^2.

PERIOD OF RECORD.--September 26, 1938 to September 1957. October 1957 to September 1982 (annual maximum). October 4, 1982, to current year.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 162.13 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records fair above 50 ft^3/s and poor below.

AVERAGE DISCHARGE.--20 years (1939-56, 1983-84), 74.2 ft^3/s, 15.27 in/yr, 53,760 acre-ft/yr. The figure published in the 1983 report was in error; the correct figure is 19 years, 75.0 ft^3/s, 15.43 in/yr, 54,340 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 23,700 ft^3/s Aug. 3, 1955, gage height, 13.62 ft; no flow at times each year.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of July 1933 reached a stage of 18.0 ft, from floodmark.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 3,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 12	1830	6970	11.30	May 8	0930	3040	10.69
Mar. 5	0630	*15100	*11.92				

Minimum discharge, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	13	14	10	29	15	1.4	1.4	.00	3.3	.00
2	.00	.00	14	13	9.5	24	16	1.6	.84	.00	1.7	.00
3	.00	.00	36	12	10	26	21	22	.60	.00	7.9	.00
4	.00	.00	65	12	11	205	20	3.6	.34	.00	5.7	.00
5	.02	.00	13	11	10	6310	15	2.0	.28	.00	2.1	.00
6	.00	.00	7.0	10	9.5	939	11	1.0	.60	.00	.98	.00
7	.00	.00	9.6	9.0	9.0	266	10	87	.68	.00	.44	.00
8	.00	.00	15	8.0	9.0	54	9.4	1880	.84	.00	.30	.00
9	.00	.06	18	10	25	30	8.5	317	.60	.00	.21	.00
10	.00	.08	26	25	57	23	7.3	50	.28	.00	.13	.00
11	.00	.06	776	26	43	20	12	20	.25	.00	.09	.00
12	.00	.06	277	19	2780	31	11	10	.23	.00	.06	.00
13	.00	.05	50	14	1720	79	5.9	8.0	.21	109	.04	.00
14	.00	.05	31	14	210	37	4.5	6.0	.32	125	.03	.00
15	.00	.03	24	17	55	26	3.3	4.0	.76	125	.03	.00
16	.00	.01	26	26	39	21	3.0	3.0	.68	122	.02	.00
17	.00	.00	41	25	31	19	2.6	2.5	.13	188	.02	.00
18	.00	.00	55	27	24	18	2.6	2.5	.09	59	.01	.00
19	.00	.03	51	33	21	19	2.7	4.4	.07	36	.01	.00
20	.00	.09	46	26	20	18	2.9	5.5	.03	33	.00	.00
21	.00	.08	75	20	19	18	3.1	9.9	.00	33	.00	.00
22	.00	.07	246	19	20	19	3.5	9.8	.00	32	.00	.00
23	.00	1.2	66	27	22	20	3.3	8.8	.00	29	.00	.00
24	.00	5.9	40	96	22	20	2.4	6.6	.00	26	.00	.00
25	.00	3.2	30	52	23	19	1.9	5.5	.00	23	.00	.00
26	.00	3.4	25	25	102	18	1.5	5.3	.00	20	.00	.00
27	.00	5.1	20	16	1010	18	1.3	4.8	.00	17	.00	.00
28	.00	6.5	20	14	297	20	1.3	3.8	.00	14	.00	.00
29	.00	11	15	13	51	19	1.4	3.0	.00	11	.00	.00
30	.00	13	15	12	---	16	1.3	2.6	.00	7.9	.00	.00
31	.00	---	14	11	---	15	---	1.8	---	5.5	.00	---
TOTAL	.02	49.97	2159.6	656.0	6669.0	8396	204.7	2493.4	9.23	1015.40	23.07	.00
MEAN	.00	1.67	69.7	21.2	230	271	6.82	80.4	.31	32.8	.74	.00
MAX	.02	13	776	96	2780	6310	21	1880	1.4	188	7.9	.00
MIN	.00	.00	7.0	8.0	9.0	15	1.3	1.0	.00	.00	.00	.00
CFSM	.00	.03	1.06	.32	3.48	4.11	.10	1.22	.00	.50	.01	.00
IN.	.00	.03	1.22	.37	3.76	4.73	.12	1.41	.01	.57	.01	.00
AC-FT	.04	99	4280	1300	13230	16650	406	4950	18	2010	46	.00

CAL YR 1983 TOTAL 20128.79 MEAN 55.1 MAX 2120 MIN .00 CFSM .83 IN. 11.35 AC-FT 39930
WTR YR 1984 TOTAL 21676.39 MEAN 59.2 MAX 6310 MIN .00 CFSM .90 IN. 12.22 AC-FT 43000

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07351500 CYPRESS BAYOU NEAR KEITHVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.04	2.65	4.51	---	4.70	5.15	4.87	5.30	5.26	4.90	4.22	4.00
2	3.02	2.64	4.55	---	4.74	5.00	4.91	5.31	5.27	4.93	4.20	3.98
3	3.00	2.63	5.05	2.66	4.79	5.04	5.05	5.76	5.27	4.93	4.53	3.98
4	2.98	2.63	5.57	2.89	4.83	6.12	5.08	5.19	5.28	4.91	4.58	3.98
5	3.01	2.65	4.08	3.33	4.86	11.05	4.98	4.98	5.29	4.93	4.47	3.95
6	2.99	2.73	3.86	3.65	4.87	9.85	4.93	4.94	5.34	4.93	4.45	3.92
7	2.97	2.87	3.94	3.87	4.89	7.35	4.95	5.66	5.35	4.91	4.49	3.89
8	2.96	3.58	4.09	4.06	4.90	5.50	4.99	10.31	5.37	4.88	4.52	3.86
9	2.94	3.80	4.18	4.27	5.07	5.10	5.03	7.59	5.33	4.86	4.51	3.84
10	2.92	3.82	4.67	4.82	5.65	4.88	5.04	5.08	5.30	4.84	4.51	3.81
11	2.91	3.80	9.35	4.86	5.42	4.78	5.23	4.86	5.30	4.86	4.51	3.79
12	2.93	3.79	7.92	4.64	9.47	5.02	5.22	4.82	5.30	4.84	4.50	3.76
13	2.91	3.78	4.42	4.49	10.11	5.83	5.08	4.83	5.30	5.01	4.49	3.73
14	2.89	3.78	3.89	4.48	7.27	5.19	5.03	4.88	5.30	5.37	4.47	3.71
15	2.88	3.76	3.70	4.58	5.63	4.91	4.98	4.92	5.42	5.23	4.45	3.76
16	2.86	3.74	3.75	4.84	5.36	4.78	4.99	4.96	5.37	5.24	4.43	3.79
17	2.85	3.73	4.16	4.81	5.21	4.69	---	5.01	5.25	6.00	4.40	3.76
18	2.84	3.72	4.52	4.85	5.07	4.67	---	5.04	5.23	4.68	4.37	3.74
19	2.83	3.76	4.43	5.03	5.01	4.66	---	5.09	5.21	4.22	4.35	3.71
20	2.82	3.81	4.32	4.83	4.98	4.64	---	5.13	5.17	4.22	4.32	3.69
21	2.81	3.80	5.01	4.68	4.95	4.63	---	5.22	5.12	4.30	4.30	3.75
22	2.80	3.79	7.61	4.64	4.98	4.64	---	5.23	5.08	4.35	4.27	3.88
23	2.78	3.94	4.82	4.86	5.02	4.72	5.13	5.19	5.02	4.36	4.25	3.87
24	2.77	4.26	---	6.12	5.04	4.78	5.11	5.15	4.98	4.36	4.22	3.86
25	2.75	4.13	---	5.36	5.05	4.82	5.11	5.15	4.95	4.35	4.19	3.85
26	2.74	4.14	---	4.80	5.84	4.84	5.12	5.19	4.93	4.34	4.16	3.83
27	2.72	4.22	---	4.56	9.81	4.89	5.14	5.21	4.95	4.32	4.14	3.81
28	2.70	4.28	---	4.52	7.54	5.01	5.19	5.23	4.94	4.31	4.11	3.80
29	2.69	4.44	---	4.55	5.51	5.00	5.22	5.24	4.93	4.29	4.08	3.78
30	2.67	4.50	---	4.62	---	4.91	5.25	5.24	4.91	4.26	4.05	3.76
31	2.66	---	---	4.68	---	4.86	---	5.25	---	4.24	4.02	---
MAX	3.04	4.50	9.35	6.12	10.11	11.05	5.25	10.31	5.42	6.00	4.58	4.00
MIN	2.66	2.63	---	---	4.70	4.63	4.87	4.82	4.91	4.22	4.02	3.69

07351600 BAYOU PIERRE NEAR GRAND BAYOU, LA

LOCATION.--Lat 32°04'41", long 93°30'36", in SE1/4SE1/4 sec.29, T.13 N., R.11 W., DeSoto Parish, Hydrologic Unit 11140206, near left bank on downstream side of bridge on U.S. Highway 84, 0.7 mi upstream from Bailey Bayou, and 2.8 mi west of the village of Grand Bayou.

DRAINAGE AREA.--661 mi^2.

PERIOD OF RECORD.--October 1979 to current year. October 1977 to September 1979 (daily gage heights, annual maximums, and daily discharge below 400 ft^3/s only). October 1946 to November 1954, August 1956 to August 1957, and since September 1960, gage heights and discharge measurements in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 101.13 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good.

AVERAGE DISCHARGE.--5 years, 524 ft^3/s, 10.77 in/yr, 379,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,260 ft^3/s Jan. 22, 1979, gage height, 26.93 ft; minimum discharge, 4.1 ft^3/s June 9, 10, 11, 1982; minimum gage height, 4.68 ft Oct. 3, 4, 5, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 1933 reached a stage of 35.4 ft, from floodmark; discharge not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,660 ft^3/s Mar. 7, gage height, 25.75 ft; minimum, 9.6 ft^3/s Sept. 15, 16, 17, gage height 4.70 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	15	274	292	271	2060	272	54	148	35	41	18
2	14	16	230	267	239	1650	257	59	117	29	31	18
3	14	16	2220	242	230	1370	369	125	93	29	30	17
4	14	17	3270	217	206	1230	429	231	75	37	139	16
5	14	18	2300	199	186	3670	507	179	63	39	187	16
6	13	29	1680	170	156	5980	433	149	60	36	109	18
7	12	73	1120	147	129	6650	330	129	68	32	59	19
8	12	65	687	128	114	6290	275	436	78	41	48	18
9	12	77	506	128	146	5560	241	1040	66	36	47	16
10	12	53	1720	184	214	4260	200	981	53	27	42	14
11	12	35	5790	225	256	3050	182	963	47	24	38	13
12	14	27	6320	228	3080	2270	328	903	43	25	36	11
13	20	23	5980	220	5810	2000	276	815	38	35	31	11
14	25	21	4790	216	6440	1820	223	736	35	24	28	11
15	28	19	3070	294	6140	1660	194	682	33	23	26	11
16	25	23	1920	326	5340	1500	163	633	34	22	28	9.9
17	23	23	1380	331	3960	1290	141	590	51	25	29	10
18	21	23	1090	345	2790	1130	120	551	55	30	31	13
19	21	26	896	362	2090	1010	102	516	43	60	31	17
20	19	41	759	339	1730	923	91	484	36	61	31	15
21	19	93	827	303	1460	839	80	454	32	51	29	21
22	24	150	1270	278	1250	759	73	432	29	43	26	31
23	20	761	1340	457	1050	684	67	418	26	40	28	51
24	18	485	1430	917	902	621	61	377	25	37	27	102
25	18	310	1240	896	798	568	55	343	25	33	30	77
26	17	200	860	821	988	517	51	311	23	31	30	50
27	16	1370	677	711	2110	464	48	284	24	34	28	37
28	15	1310	593	580	2470	447	47	259	32	34	26	29
29	15	659	497	469	2490	430	46	235	43	82	24	26
30	15	393	404	382	---	371	46	207	36	104	22	23
31	15	---	333	319	---	319	---	180	---	65	20	---
TOTAL	532	6371	55473	10993	53045	61392	5707	13756	1531	1224	1332	738.9
MEAN	17.2	212	1789	355	1829	1980	190	444	51.0	39.5	43.0	24.6
MAX	28	1370	6320	917	6440	6650	507	1040	148	104	187	102
MIN	12	15	230	128	114	319	46	54	23	22	20	9.9
CFSM	.03	.32	2.71	.54	2.77	3.00	.29	.67	.08	.06	.07	.04
IN.	.03	.36	3.12	.62	2.99	3.46	.32	.77	.09	.07	.07	.04
AC-FT	1060	12640	110000	21800	105200	121800	11320	27290	3040	2430	2640	1470

CAL YR 1983 TOTAL 318961 MEAN 874 MAX 7180 MIN 12 CFSM 1.32 IN. 17.95 AC-FT 632700
WTR YR 1984 TOTAL 212094.9 MEAN 579 MAX 6650 MIN 9.9 CFSM .88 IN. 11.94 AC-FT 420700

07351600 BAYOU PIERRE NEAR GRAND BAYOU, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.78	4.78	6.33	6.41	6.32	13.48	6.18	5.09	5.66	4.92	4.97	4.79
2	4.77	4.79	6.13	6.30	6.18	11.39	6.12	5.14	5.50	4.86	4.88	4.78
3	4.77	4.78	13.75	6.19	6.14	10.12	6.53	5.53	5.37	4.86	4.87	4.77
4	4.77	4.79	17.59	6.07	6.03	9.55	6.73	6.02	5.25	4.94	5.57	4.77
5	4.77	4.81	14.42	5.99	5.94	18.46	6.96	5.80	5.17	4.96	5.84	4.77
6	4.76	4.92	11.47	5.87	5.80	24.30	6.74	5.66	5.14	4.93	5.47	4.79
7	4.74	5.30	8.85	5.75	5.66	25.67	6.39	5.56	5.20	4.89	5.17	4.79
8	4.75	5.23	7.59	5.66	5.58	24.98	6.19	6.75	5.27	4.98	5.08	4.78
9	4.75	5.33	7.09	5.66	5.74	23.37	6.06	8.80	5.19	4.93	5.07	4.77
10	4.74	5.14	11.58	5.93	6.06	20.23	5.89	8.59	5.09	4.84	5.03	4.75
11	4.74	4.97	23.89	6.12	6.25	16.93	5.82	8.52	5.04	4.82	4.99	4.74
12	4.76	4.89	25.05	6.13	16.27	14.41	6.38	8.31	5.00	4.82	4.97	4.72
13	4.83	4.86	24.34	6.09	23.93	13.15	6.19	7.99	4.95	4.92	4.92	4.72
14	4.88	4.84	21.53	6.07	25.30	12.22	5.99	7.72	4.92	4.81	4.89	4.71
15	4.91	4.82	16.95	6.41	24.68	11.45	5.87	7.54	4.90	4.80	4.88	4.72
16	4.88	4.85	12.73	6.54	22.86	10.74	5.73	7.38	4.91	4.79	4.90	4.70
17	4.85	4.86	9.92	6.55	19.44	9.80	5.62	7.24	5.06	4.83	4.90	4.71
18	4.83	4.86	8.66	6.60	16.14	9.16	5.52	7.11	5.10	4.87	4.92	4.73
19	4.83	4.89	8.13	6.66	13.61	8.71	5.42	6.99	4.99	5.14	4.92	4.77
20	4.82	5.03	7.78	6.58	11.79	8.38	5.35	6.90	4.93	5.15	4.92	4.76
21	4.82	5.44	7.96	6.45	10.55	8.07	5.28	6.80	4.89	5.06	4.90	4.82
22	4.87	5.72	9.39	6.35	9.62	7.80	5.24	6.74	4.86	4.99	4.88	4.92
23	4.83	7.77	9.74	6.90	8.84	7.55	5.20	6.69	4.84	4.96	4.89	5.09
24	4.81	7.03	10.18	8.19	8.30	7.34	5.15	6.56	4.82	4.94	4.88	5.44
25	4.80	6.47	9.22	8.13	7.93	7.16	5.10	6.44	4.81	4.90	4.91	5.30
26	4.80	6.00	8.14	7.93	C.71	6.99	5.07	6.33	4.80	4.88	4.91	5.11
27	4.78	10.06	7.57	7.66	13.62	6.83	5.04	6.23	4.81	4.92	4.89	4.99
28	4.78	9.67	7.34	7.31	15.10	6.78	5.03	6.13	4.89	4.91	4.87	4.92
29	4.77	7.51	7.07	6.98	15.16	6.73	5.03	6.03	4.99	5.27	4.85	4.89
30	4.77	6.75	6.79	6.72	---	6.54	5.03	5.92	4.93	5.43	4.83	4.87
31	4.77	---	6.56	6.51	---	6.36	---	5.81	---	5.17	4.81	---
MAX	4.91	10.06	25.05	8.19	25.30	25.67	6.96	8.80	5.66	5.43	5.84	5.44
MIN	4.74	4.78	6.13	5.66	5.58	6.36	5.03	5.09	4.80	4.79	4.81	4.70

07351748 WEST BRANCH DOLET BAYOU AT RAMBIN, LA

LOCATION.--Lat 31°57'35", long 93°27'05", in NE1/4 NW1/4 sec. 12, T. 11 N., R. 11 W., DeSoto Parish, Hydrologic Unit 11140206, near center span on downstream side of bridge on State Highway 177, 0.1 mi upstream from Dolet Bayou, and 0.6 mi northeast of Rambin.

DRAINAGE AREA.--32.3 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 117.23 ft National Geodectic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Records fair. Lowest recordable stage 1.62 ft. Below 1.62 ft Oct. 6 to Nov. 21, June 19-29, July 22 to Sept. 2, 4-20, 22-30.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 484 ft^3/s May 22, 1983, gage height, 11.63 ft; no flow at times each year.

AVERAGE DISCHARGE.--5 years, 26.5 ft^3/s, 19,200 acre-ft/yr.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 299 ft^3/s Dec. 12, gage height, 9.07 ft; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	67	13	17	98	7.3	1.6	.18	2.9	.00	.00
2	.00	.00	51	15	14	79	11	1.6	.12	.18	.00	.00
3	.00	.00	106	16	14	63	23	1.4	.07	.04	.00	.00
4	.00	.00	206	15	13	49	39	1.2	.03	.00	.00	.00
5	.00	.00	209	14	12	119	32	1.1	.00	.53	.00	.00
6	.00	.00	188	13	11	202	23	.89	.69	.36	.00	.00
7	.00	.00	163	12	9.8	202	18	.92	.99	.09	.00	.00
8	.00	.00	137	11	9.0	181	18	4.0	.38	.00	.00	.00
9	.00	.00	113	12	10	154	16	4.3	.24	.00	.00	.00
10	.00	.00	117	15	13	127	15	4.8	.17	.00	.00	.00
11	.00	.00	245	16	16	100	14	3.4	.11	.00	.00	.00
12	.00	.00	294	17	124	79	13	2.4	.07	6.0	.00	.00
13	.00	.00	270	17	280	62	11	1.8	.03	3.6	.00	.00
14	.00	.00	240	16	270	46	9.5	1.3	.00	.17	.00	.00
15	.00	.00	209	24	239	33	7.9	.95	.00	.00	.00	.00
16	.00	.00	182	34	208	26	6.7	.67	.00	.00	.00	.00
17	.00	.00	157	40	179	22	6.1	.46	.00	.00	.00	.00
18	.00	.00	133	36	149	19	5.3	.34	.00	.00	.00	.00
19	.00	.00	109	31	121	17	4.9	.35	.00	.00	.00	.00
20	.00	.00	87	26	94	15	4.4	.62	.00	.00	.00	.00
21	.00	.00	78	21	71	13	3.8	.95	.00	.00	.00	.00
22	.00	1.9	73	18	48	12	3.4	2.4	.00	.00	.00	.00
23	.00	6.3	67	27	26	11	2.9	2.8	.00	.00	.00	.00
24	.00	31	56	51	18	10	2.5	2.9	.00	.00	.00	.00
25	.00	46	46	77	14	9.3	2.2	2.3	.00	.00	.00	.00
26	.00	32	39	73	35	8.8	2.0	1.7	.00	.00	.00	.00
27	.00	63	33	63	103	8.6	2.0	1.1	.00	.00	.00	.00
28	.00	100	27	49	130	9.5	1.9	.75	.00	.00	.00	.00
29	.00	97	23	35	118	9.0	1.8	.53	.00	.00	.00	.00
30	.00	82	18	25	---	8.7	1.6	.35	25	.00	.00	.00
31	.00	---	15	20	---	8.0	---	.26	---	.00	.00	---
TOTAL	.00	459.20	3758	852	2365.8	1800.9	309.2	50.14	28.08	13.87	.00	.00
MEAN	.00	15.3	121	27.5	81.6	58.1	10.3	1.62	.94	.45	.00	.00
MAX	.00	100	294	77	280	202	39	4.8	25	6.0	.00	.00
MIN	.00	.00	15	11	9.0	8.0	1.6	.26	.00	.00	.00	.00
AC-FT	.00	911	7450	1690	4690	3570	613	99	56	28	.00	.00

CAL YR 1983 TOTAL 17531.58 MEAN 48.0 MAX 480 MIN .00 AC-FT 34770
WTR YR 1984 TOTAL 9637.19 MEAN 26.3 MAX 294 MIN .00 AC-FT 19120

07351748 WEST BRANCH DOLET BAYOU AT RAMBIN, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.75		4.81	3.15	3.32	5.61	2.77	2.21	1.88	2.45		
2	1.72		4.41	3.25	3.21	5.19	3.01	2.22	1.84	2.03		
3	1.69		5.68	3.27	3.20	4.80	3.59	2.19	1.81	1.95		1.68
4	1.67		7.59	3.24	3.13	4.43	4.16	2.17	1.78	1.88		
5	1.66		7.64	3.18	3.09	5.99	3.92	2.15	1.76	2.10		
6			7.27	3.14	3.01	7.52	3.59	2.11	1.95	2.12		
7			6.83	3.06	2.94	7.52	3.39	2.11	2.12	1.98		
8			6.37	3.00	2.89	7.14	3.40	2.51	1.97	1.89		
9			5.90	3.05	2.96	6.68	3.31	2.54	1.91	1.84		
10			5.97	3.22	3.13	6.18	3.22	2.58	1.87	1.80		
11			8.21	3.28	3.28	5.65	3.20	2.45	1.84	1.77		
12			9.00	3.36	5.96	5.18	3.10	2.33	1.81	2.32		
13			8.64	3.32	8.79	4.79	3.01	2.25	1.78	2.52		
14			8.16	3.29	8.63	4.36	2.92	2.18	1.75	2.02		
15			7.65	3.64	8.15	3.97	2.81	2.12	1.72	1.88		
16			7.17	3.99	7.63	3.70	2.73	2.06	1.70	1.82		
17			6.73	4.17	7.10	3.56	2.68	2.01	1.68	1.80		
18			6.28	4.06	6.59	3.45	2.63	1.96		1.77		
19			5.82	3.88	6.05	3.34	2.59	1.96		1.74		
20			5.37	3.70	5.51	3.22	2.55	2.05		1.71		
21			5.16	3.53	5.01	3.13	2.50	2.11		1.69		1.70
22		1.97	5.04	3.39	4.41	3.06	2.46	2.34				
23		2.84	4.90	3.71	3.73	3.01	2.40	2.40				
24		3.76	---	4.49	3.39	2.97	2.35	2.41	1.67			
25		4.25	---	5.14	3.20	2.91	2.31	2.32				
26		3.85	---	5.06	3.85	2.87	2.28	2.23				
27		4.72	---	4.82	5.68	2.86	2.28	2.15				
28		5.58	---	4.44	6.24	2.92	2.27	2.08				
29		5.51	---	4.01	5.99	2.89	2.26	2.03				
30		5.16	---	3.70	---	2.87	2.22	1.96	3.29			
31		---	---	3.47	---	2.82	---	1.92	---			---
MAX	1.75	5.58	9.00	5.14	8.79	7.52	4.16	2.58	3.29	2.52	---	1.70
MIN	---	---	---	3.00	2.89	2.82	2.22	1.92	---	---	---	---

07351748 WEST BRANCH DOLET BAYOU AT RAMBIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAMFLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
DEC										
07...	1230	187	99	5.4	11.5	120	30	2.9	2.8	160
JAN										
18...	1215	37	166	5.8	2.5	60	20	10.1	1.6	40
APR										
10...	1100	15	161	6.7	18.5	120	15	4.9	2.5	200
JUL										
10...	1020	E.00	204	7.0	26.5	10	15	3.2	6.0	340

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
DEC									
07...	1800	25	5.2	2.8	8.6	2.5	6	21	12
JAN									
18...	2400	28	5.4	3.6	18	1.7	8	26	27
APR									
10...	160	31	6.0	3.8	19	1.7	28	10	25
JUL									
10...	1100	62	13	7.2	12	3.8	59	14	16

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
DEC							
07...	<.1	7.4	77	63	<.1	.7	.11
JAN							
18...	<.1	11	114	98	<.1	.9	.07
APR							
10...	<.1	9.8	111	92	<.1	2.6	.19
JUL							
10...	.1	13	156	114	<.1	1.8	.70

< Actual value is known to be less than the value shown.
E Estimated.

07351748 WEST BRANCH DOLET BAYOU AT RAMBIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
DEC 07...	1	<1	<1	1	6	<1	5	6	530	7100	4

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
DEC 07...	10	65	420	<.1	.02	20	24	17	<.01	31	<.1

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
DEC 07...	4	<.1	<1	<.01	<.1	<.1	6	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
DEC 07...	<.01	2.3	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
DEC 07...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
DEC 07...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
DEC 07...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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07351748 WEST BRANCH DOLET BAYOU AT RAMBIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
DEC			
07...	45	23	58
JAN			
18...	33	3.3	73
APR			
10...	20	.81	65
JUL			
10...	--	--	--

07351750 BAYOU PIERRE NEAR LAKE END, LA

LOCATION.--Lat 31°53'40", long 93°20'30", in E1/2 sec. 36, T. 11 N., R.10W., Natchitoches Parish, Hydrologic Unit 08060102, near right bank on downstream side of bridge on State Highway 174, 1/2 mi downstream from Jims River, and 2.9 mi southwest of Lake End.

DRAINAGE AREA.--860 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1980 to current year. November 30, 1959 to September 1980, annual maximum and miscellaneous measurements only.

GAGE.--Water stage recorder. Datum of gage is 90.00 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Sept. 1980, non-recording gage at same site. Water stage recorder for Bayou Pierre near Powhatan (station 07351750) used as auxiliary gage for this station at datum 83.61 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except those for period of indefinite stage-discharge relation, Apr. 19 to May 3, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,180 ft^3/s Mar. 8, 1984 gage height 23.07 ft; minimum daily discharge 12 ft^3/s June 10, 11, 15, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,180 ft^3/s Mar. 8, gage height 23.07 ft; minimum daily discharge, 29 ft^3/s Sept. 18, 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	123	586	399	404	2690	334	47	190	146	82	42
2	37	130	421	350	347	2140	372	56	170	88	67	41
3	36	120	1070	321	306	1700	525	100	150	62	57	41
4	34	110	3240	293	285	1600	554	143	130	55	55	46
5	34	90	3370	265	281	4080	588	168	120	57	97	42
6	33	85	2530	242	281	6160	571	150	110	62	191	39
7	33	80	1790	216	275	7780	481	180	100	58	170	38
8	33	65	1330	192	250	8100	383	206	110	55	100	38
9	32	72	984	177	239	7510	325	639	130	63	78	39
10	32	68	1030	235	252	6220	283	959	140	58	71	37
11	32	61	4650	276	281	4610	226	993	130	53	66	36
12	33	51	7110	281	1950	3300	204	973	110	49	66	34
13	32	43	7530	280	5600	2490	268	874	90	59	63	33
14	34	37	6860	281	7280	2060	247	787	72	78	58	32
15	36	35	5150	344	7630	1790	228	717	60	65	55	31
16	40	32	3370	452	7110	1640	213	653	56	56	55	31
17	41	31	2170	495	5890	1560	180	590	64	51	54	30
18	40	32	1590	487	4330	1370	154	534	80	49	54	29
19	38	42	1300	473	3120	1210	130	493	110	50	54	29
20	36	41	1080	457	2290	1090	105	469	100	60	57	31
21	36	40	978	421	1770	986	90	437	80	67	57	38
22	36	61	1250	379	1490	881	80	418	70	66	54	45
23	36	298	1390	416	1270	792	70	397	58	61	52	45
24	36	664	1420	887	1080	696	60	386	54	57	55	48
25	35	563	1370	1100	928	613	54	359	51	55	54	70
26	34	423	1160	1070	949	550	50	326	48	54	52	72
27	33	718	925	963	1870	491	47	297	45	52	52	61
28	33	1390	766	832	2650	416	45	270	44	54	51	51
29	33	1200	661	692	2900	382	43	250	47	55	49	45
30	32	847	566	571	---	367	44	230	127	71	47	41
31	45	---	483	477	---	339	---	210	---	91	45	---
TOTAL	1092	7552	68130	14324	63308	75613	6954	13311	2846	1957	2118	1235
MEAN	35.2	252	2198	462	2183	2439	232	429	94.9	63.1	68.3	41.2
MAX	45	1390	7530	1100	7630	8100	588	993	190	146	191	72
MIN	32	31	421	177	239	339	43	47	44	49	45	29

CAL YR 1983 TOTAL 413008 MEAN 1132 MAX 9130 MIN 31 AC-FT 819200
WTR YR 1984 TOTAL 258443 MEAN 706 MAX 8100 MIN 29 AC-FT 512600

07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.95	2.09	5.27	4.18	5.98	13.75	8.42	2.39	---	2.23	1.42	.89
2	.94	---	4.31	3.87	3.85	12.40	8.50	2.32	---	1.64	1.24	.86
3	.93	---	7.58	3.68	3.58	10.94	8.79	2.31	---	1.34	1.11	.87
4	.90	---	14.94	3.49	3.44	10.34	8.27	2.33	---	1.23	1.06	.95
5	.91	---	15.22	3.30	3.41	17.12	7.78	2.55	---	1.26	1.55	.90
6	.89	---	13.38	3.13	3.41	20.66	7.08	4.75	---	1.33	2.38	.85
7	.90	---	11.25	2.93	3.37	22.68	6.18	6.95	---	1.26	2.25	.83
8	.89	1.52	9.18	2.74	3.18	22.95	5.56	7.36	---	1.21	1.58	.84
9	.88	1.58	7.47	2.62	3.11	22.09	5.09	7.95	---	1.32	1.35	.85
10	.88	1.54	7.63	3.07	3.20	20.21	4.70	8.31	---	1.25	1.27	.84
11	.88	1.44	17.50	3.37	3.41	17.56	4.35	7.95	---	1.15	1.21	.81
12	.90	1.29	21.54	3.41	10.51	15.06	4.72	7.41	---	1.09	1.21	.79
13	.91	1.16	22.12	3.41	19.21	13.29	5.45	6.89	---	1.23	1.16	.78
14	.93	1.07	21.16	3.41	21.77	12.19	5.55	6.39	---	1.48	1.10	.77
15	.98	1.03	18.49	3.83	22.26	11.32	5.48	5.98	---	1.32	1.05	.75
16	1.03	.97	15.21	4.50	21.54	10.67	5.02	5.62	---	1.18	1.05	.75
17	1.06	.96	12.46	4.75	19.69	10.33	4.43	5.24	---	1.10	1.03	.73
18	1.05	.98	10.41	4.71	17.06	9.96	3.94	4.90	---	1.06	1.03	.72
19	1.01	1.15	9.04	4.62	14.69	9.40	3.52	4.67	---	1.06	1.03	.73
20	.99	1.14	7.95	4.53	12.78	8.79	3.35	4.51	---	1.22	1.08	.77
21	.99	1.12	7.44	4.31	11.23	8.21	3.27	4.33	---	1.32	1.08	.88
22	.98	1.45	8.83	4.05	9.96	7.71	3.05	4.21	---	1.29	1.04	1.01
23	.98	3.40	9.47	4.27	8.90	7.21	2.77	4.08	---	1.22	1.01	1.00
24	.99	5.72	9.65	6.95	7.94	6.74	2.57	4.01	---	1.16	1.05	1.06
25	.98	5.14	9.40	8.08	7.18	6.47	2.48	3.83	1.19	1.13	1.05	1.38
26	.97	4.32	8.35	7.90	7.27	6.28	2.44	3.61	---	1.10	1.01	1.40
27	.96	5.97	7.16	7.36	11.47	6.12	2.40	3.41	---	1.07	1.02	1.26
28	.95	9.49	6.29	6.66	13.65	6.26	2.42	---	1.08	1.09	1.01	1.11
29	.94	8.56	5.70	5.88	14.24	6.95	2.51	---	1.12	1.10	.98	1.01
30	.93	6.73	5.15	5.18	---	7.46	2.53	---	1.99	1.30	.96	.95
31	1.15	---	4.68	4.65	---	8.10	---	---	---	1.52	.93	---
MAX	1.15	9.49	22.12	8.08	22.26	22.95	8.79	8.31	---	2.23	2.38	1.40
MIN	.88	.96	4.31	2.62	3.11	6.12	2.40	2.31	---	1.06	.93	.72

07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: October 1982 to current year.
SUSPENDED-SEDIMENT DISCHARGE: October 1982 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 813 mg/L Nov. 24, 1982; minimum daily mean, 5 mg/L Nov. 13, 1983.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 8060 tons Dec. 17, 1982; minimum daily, .58 tons Nov. 13, 1983.

EXTREMES FOR CURRENT YEAR.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 226 mg/L May 10; minimum daily mean, 5 mg/L Nov. 13.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 2710 tons Feb. 14; minimum daily, .58 tons Nov. 13.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 18...	1300	970	7.5	24.0	0	10	7.1	21	1.2	64
JAN 18...	0930	281	6.8	3.5	100	50	11.3	25	2.7	420
APR 10...	0920	312	7.4	19.0	70	50	6.8	18	2.3	56
JUL 10...	0900	849	7.7	29.5	10	20	7.0	18	2.4	80

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 18...	160	390	83	45	61	2.3	346	72	73
JAN 18...	4000	80	18	8.5	21	3.4	54	36	28
APR 10...	K130	99	23	10	22	2.6	87	28	26
JUL 10...	200	300	68	32	62	2.6	272	60	76

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 18...	.3	12	544	--	4	<.1	.9	.12	3.9
JAN 18...	.1	10	177	157	30	.4	2.0	.20	10
APR 10...	.1	7.7	200	172	64	.1	1.9	.28	10
JUL 10...	.3	10	519	474	34	<.1	.9	.15	6.1

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT											
18...	<1	<1	1	1	2	<1	3	2	30	2800	2

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT										
18...	<10	150	200	<1.0	<.01	20	5	<.01	2	<.1

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT											
18...	7	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
18...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
18...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
18...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
18...	<.1	<1	<1	<10	<.01	<.1	.01	<.01	.01	<.01

< Actual value is known to be less than the value shown.

07351750 BAYOU PIERRE NEAR LAKE END, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	33	11	61	97	29	31	48	52	107	777
2	---	---	36	13	52	59	37	35	54	51	60	347
3	---	---	---	---	84	303	32	28	52	43	50	229
4	---	---	---	---	134	1170	26	21	49	38	53	231
5	---	---	---	---	74	685	24	17	57	43	142	1590
6	---	---	---	---	62	420	30	20	52	39	69	1110
7	---	---	---	---	97	469	47	27	63	47	42	882
8	---	---	---	---	67	241	49	25	70	47	E 46	1010
9	---	---	18	3.5	34	90	48	23	62	40	42	852
10	67	5.8	20	3.7	27	75	49	31	41	28	38	638
11	62	5.4	14	2.3	27	339	51	38	34	26	34	423
12	61	5.4	8	1.1	37	710	57	43	133	899	30	267
13	61	5.3	5	.58	43	874	42	32	154	2300	36	242
14	59	5.4	7	.70	46	852	36	27	138	2710	34	189
15	60	5.8	29	2.7	43	598	28	26	127	2620	44	213
16	60	6.5	43	3.7	25	227	35	43	99	1900	62	275
17	70	7.7	35	2.9	23	135	38	51	100	1590	72	303
18	83	9.0	29	2.5	21	90	48	62	109	1270	62	229
19	89	9.1	30	3.4	13	46	67	86	113	952	62	203
20	E 87	8.5	31	3.4	8	23	59	73	119	736	67	197
21	E 83	8.1	E 24	2.6	46	123	70	80	88	421	70	186
22	E 81	7.9	11	1.8	77	260	84	86	98	394	59	140
23	E 79	7.7	18	14	126	473	65	73	85	291	E 52	111
24	78	7.6	28	50	147	564	70	168	84	245	E 50	94
25	69	6.5	24	36	150	554	57	169	88	220	E 46	76
26	58	5.3	E 16	18	45	143	59	170	110	298	42	62
27	72	6.4	22	49	28	70	71	185	162	818	38	50
28	59	5.3	78	293	26	54	80	180	130	930	52	58
29	58	5.2	68	220	25	45	88	164	134	1050	72	74
30	63	5.4	59	135	25	38	104	160	---	---	70	69
31	34	4.1	---	---	24	31	62	80	---	---	62	57
TOTAL	---	---	---	---	---	9858	---	2254	---	20098	---	11184

DAY	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	62	56	48	6.1	74	38	49	19	47	10	19	2.2
2	56	56	43	6.5	92	42	37	8.8	41	7.4	15	1.7
3	61	86	45	12	92	37	E 36	6.0	34	5.2	18	2.0
4	52	78	49	19	88	31	37	5.5	28	4.2	20	2.5
5	54	86	39	18	80	26	E 32	4.9	48	13	E 20	2.3
6	50	77	43	18	73	22	24	4.0	77	40	E 20	2.1
7	50	65	46	22	62	17	E 26	4.1	65	30	E 20	2.1
8	48	50	39	22	53	16	28	4.2	38	10	21	2.2
9	46	40	140	250	40	14	19	3.2	28	5.9	24	2.5
10	64	49	226	585	30	11	10	1.6	32	6.1	30	3.0
11	66	40	187	502	29	10	8	1.1	E 32	5.7	32	3.1
12	65	36	152	399	30	8.9	E 12	1.6	E 29	5.2	E 33	3.0
13	68	49	148	349	32	7.8	14	2.2	27	4.6	33	2.9
14	68	45	E 129	274	E 33	6.4	E 18	3.8	E 35	5.5	33	2.9
15	E 65	40	123	238	34	5.5	23	4.0	38	5.6	36	3.0
16	62	36	117	206	E 33	5.0	30	4.5	38	5.6	37	3.1
17	E 61	30	111	177	E 33	5.7	29	4.0	35	5.1	38	3.1
18	56	23	99	143	E 34	7.3	24	3.2	30	4.4	38	3.0
19	71	42	98	130	34	10	23	3.1	26	3.8	---	---
20	75	21	96	122	E 31	8.4	17	2.8	24	3.7	---	---
21	E 56	14	E 86	101	27	5.8	20	3.6	26	4.0	---	---
22	40	8.6	77	87	E 30	5.7	19	3.4	26	3.8	---	---
23	E 32	6.0	74	79	34	5.3	17	2.8	26	3.7	---	---
24	E 31	5.0	74	77	E 38	5.5	18	2.8	24	3.6	---	---
25	33	4.8	68	66	E 39	5.4	17	2.5	25	3.6	18	3.4
26	38	5.1	67	59	42	5.4	19	2.8	32	4.5	20	3.9
27	45	5.7	E 68	55	E 41	5.0	40	5.6	E 34	4.8	19	3.1
28	48	5.8	69	50	E 38	4.5	46	6.7	31	4.3	16	2.2
29	54	6.3	69	47	35	4.4	48	7.1	34	4.5	14	1.7
30	53	6.3	66	41	50	19	48	9.2	E 33	4.2	14	1.5
31	---	---	---	---	---	---	49	12	30	3.6	---	---
TOTAL	---	1072.6	---	4160.6	---	395.0	---	150.1	---	225.6	---	---

E Estimated.

07351755 BAYOU PIERRE NEAR POWHATAN, LA

LOCATION.--31°51'37", long 93°12'22", in SE1/4SE1/4 sec. 22, T. 10 N., R. 8 W., Natchitoches Parish, Hydrologic Unit 11140206, at right bank on downstream side of bridge on State Highway 485, 1.0 mi southwest of Powhatan, 2.7 mi upstream from Flat River, and 11.8 mi upstream from mouth.

DRAINAGE AREA.--879 mi^2.

PERIOD OF RECORD.--August 1980 to current year (gage heights only). Gage heights November 1, 1946 to December 31, 1951, are contained in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is 83.61 ft National Geodetic Vertical Datum of 1929. November 1, 1946 to December 31, 1951, nonrecording gage at datum 2.81 ft lower.

REMARKS.--No gage height recorded below 1.31 ft. Prior to Oct. 13, 1983, lowest recordable stage 1.85 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.76 ft Dec. 29, 1982; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.25 ft Mar. 7; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.87	8.30	5.85	5.00	4.62	12.61	14.51	6.86	3.62	3.17	2.20	1.35
2	1.87	8.18	5.36	5.13	4.41	11.83	14.56	6.15	3.37	2.66	1.97	1.32
3	1.87	7.49	7.48	5.40	4.23	11.65	14.54	5.58	3.26	2.22	1.75	1.31
4		7.15	12.46	5.53	4.09	12.02	13.90	5.15	3.17	1.97	1.62	1.50
5		7.25	13.09	5.11	3.93	18.07	13.24	5.92	3.15	1.93	1.93	1.38
6		7.34	11.82	4.50	3.75	19.89	12.36	10.94	3.48	2.05	2.94	1.32
7		7.40	10.29	4.07	3.58	21.05	11.43	13.18	3.67	2.03	---	
8		7.32	8.85	3.83	3.44	21.04	10.98	13.57	3.38	1.96	---	
9		7.02	7.80	3.71	3.38	19.85	10.57	13.27	3.24	2.20	2.11	
10		6.48	8.23	3.67	3.38	18.19	10.21	12.72	---	2.30	1.94	
11		5.92	15.72	3.78	3.74	16.03	10.01	11.90	---	2.18	1.85	
12		5.57	18.41	3.98	10.21	14.07	10.62	10.94	---	2.06	1.80	
13	1.56	5.43	18.91	4.08	16.50	12.78	11.29	10.27	---	2.11	1.79	
14	1.56	5.39	17.98	4.07	18.82	12.12	11.48	9.83	---	2.37	1.70	
15	1.60	5.34	15.86	4.42	19.11	11.69	11.46	9.45	---	2.22	1.62	
16	1.68	5.19	13.42	4.84	18.64	11.90	10.96	8.95	---	1.96	1.59	
17	1.76	4.79	11.45	5.09	17.61	13.21	10.35	7.96	---	1.81	1.56	
18	1.75	4.32	9.89	5.07	15.81	13.67	9.82	6.68	---	1.74	1.55	
19	1.70	4.06	8.81	5.04	14.10	13.34	9.37	6.19	---	1.70	1.54	
20	1.66	3.96	7.91	5.05	12.62	12.82	8.72	6.03	---	1.77	1.59	
21	1.68	3.85	7.41	4.89	11.40	12.31	8.31	5.58	---	1.99	1.60	1.31
22	1.64	3.93	8.22	4.60	10.47	11.95	7.70	4.94	---	2.01	1.56	1.67
23	1.62	4.77	8.66	4.87	9.74	11.53	6.87	4.60	---	1.93	1.51	1.68
24	1.64	6.02	8.72	6.68	9.12	11.24	6.34	4.52	---	1.75	1.51	1.48
25	1.64	5.74	8.53	7.40	8.61	11.24	6.14	4.54	---	1.69	1.55	1.72
26	1.61	5.19	7.78	7.31	8.29	11.25	6.49	4.54	---	1.70	1.49	1.95
27	1.58	6.38	6.87	6.87	10.51	11.29	7.08	4.52	---	1.65	1.48	1.84
28	1.58	8.41	6.17	6.39	12.25	11.83	7.80	4.45	1.86	1.63	1.48	1.65
29	1.57	7.92	5.73	5.85	12.85	12.79	8.26	4.28	1.88	1.67	1.45	1.49
30	2.28	6.72	5.36	5.35	---	13.42	7.81	4.08	2.56	1.74	1.44	1.47
31	6.81	---	5.09	4.93	---	14.18	---	3.86	---	2.19	1.40	---
MAX	6.81	8.41	18.91	7.40	19.11	21.05	14.56	13.57	3.67	3.17	2.94	1.95
MIN	---	3.85	5.09	3.67	3.38	11.24	6.14	3.86	1.86	1.63	1.40	---

BEST COPY AVAILABLE

07352000 SALINE BAYOU NEAR LUCKY, LA

LOCATION.--Lat 32°15'00", long 92°58'35", in SW1/4SW1/4 sec.27, T.15 N., R.6 W., Bienville Parish, Hydrologic Unit 11140208, near center of span on downstream side of bridge on State Highway 4, 0.7 mi downstream from Sixmile Creek, and 1.0 mi east of Lucky.

DRAINAGE AREA.--154 mi^2.

PERIOD OF RECORD.--June 1940 to current year.

REVISED RECORDS.--WSP 1177: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 152.65 ft National Geodetic Vertical Datum of 1929. Prior to Feb. 28, 1949, nonrecording gage, Mar. 1, 1949, to Apr. 26, 1971, water-stage recorder, at same site and datum.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--44 years, 163 ft^3/s, 14.37 in/yr, 118,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft^3/s Jan. 1, 1945, gage height, 12.90 ft, from rating curve extended above 6,400 ft^3/s on basis of records for Black Lake Bayou near Castor and Dugdemona River near Jonesboro; minimum discharge, 2.4 ft^3/s Aug. 14, 1954; minimum gage height, 1.66 ft Aug. 7, 8, 1964.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	0700	*7580	*10.68	Mar. 6	1300	3720	8.91
Feb. 14	0100	2330	8.39				

Minimum discharge, 8.6 ft^3/s Oct. 6, gage height, 2.46 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	15	123	143	123	495	122	35	28	24	13	9.8
2	10	16	93	139	114	337	147	39	25	21	15	9.8
3	9.2	16	195	138	120	259	271	88	22	18	20	10
4	9.2	21	347	135	127	274	279	175	20	17	47	9.9
5	9.0	46	330	131	135	1360	346	248	18	19	78	9.8
6	8.8	57	341	125	133	3200	355	206	23	24	34	9.7
7	9.0	55	391	117	119	2330	249	123	56	23	40	9.7
8	9.6	43	349	108	105	1280	224	185	48	17	43	9.6
9	9.8	36	208	105	111	808	214	342	66	14	40	9.6
10	9.5	28	188	111	167	547	190	429	52	21	29	9.6
11	9.7	25	1420	113	196	347	172	330	33	17	20	9.4
12	11	24	5930	113	613	271	175	175	27	21	17	9.4
13	12	24	2040	112	1540	262	216	106	22	68	14	9.4
14	12	25	996	107	1950	274	188	74	18	67	13	9.4
15	12	29	637	124	1340	272	143	57	16	36	13	10
16	13	29	389	132	946	238	113	47	23	20	12	9.6
17	16	28	257	135	641	206	91	39	90	17	12	9.4
18	40	27	208	141	478	185	79	34	149	16	13	9.3
19	46	50	189	135	406	168	77	36	75	13	18	9.4
20	32	138	177	130	312	153	70	78	39	11	24	11
21	23	128	187	126	248	140	64	104	27	10	21	15
22	22	83	298	116	216	128	64	175	21	9.5	16	20
23	19	189	370	140	196	116	57	181	22	10	14	23
24	19	223	400	243	180	107	53	144	18	23	13	24
25	18	167	350	290	167	95	48	119	15	20	12	17
26	17	144	300	307	191	91	43	125	13	17	11	14
27	16	136	250	277	440	92	44	91	16	15	11	12
28	15	142	200	210	518	135	43	63	29	16	10	11
29	15	143	190	169	515	121	41	49	34	14	10	10
30	15	147	180	147	---	143	37	41	29	12	9.8	10
31	15	---	160	133	---	145	---	34	---	12	9.8	---
TOTAL	491.8	2234	17693	4652	12347	14579	4215	3972	1074	642.5	652.6	349.7
MEAN	15.9	74.5	571	150	426	470	141	128	35.8	20.7	21.1	11.7
MAX	46	223	5930	307	1950	3200	355	429	149	68	78	24
MIN	8.8	15	93	105	105	91	37	34	13	9.5	9.8	9.3
CFSM	.10	.48	3.71	.97	2.77	3.05	.92	.83	.23	.13	.14	.08
IN.	.12	.54	4.27	1.12	2.98	3.52	1.02	.96	.26	.16	.16	.08
AC-FT	975	4430	35090	9230	24490	28920	8360	7880	2130	1270	1290	694

CAL YR 1983 TOTAL 83318.4 MEAN 228 MAX 5930 MIN 8.0 CFSM 1.48 IN. 20.13 AC-FT 165300
WTR YR 1984 TOTAL 62902.6 MEAN 172 MAX 5930 MIN 8.8 CFSM 1.12 IN. 15.19 AC-FT 124800

07352000 SALINE BAYOU NEAR LUCKY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.54	2.73	4.86	5.08	4.87	6.20	4.69	3.40	3.09	2.95	2.67	2.81
2	2.53	2.75	4.49	5.03	4.76	5.82	4.80	3.46	3.00	2.86	2.72	2.87
3	2.49	2.76	5.40	5.03	4.83	5.55	5.62	4.28	2.92	2.77	2.87	2.89
4	2.49	2.93	6.13	5.00	4.91	5.57	5.64	5.12	2.86	2.74	3.46	2.93
5	2.48	3.61	6.09	4.96	5.00	7.25	5.85	5.60	2.82	2.80	3.99	2.97
6	2.47	3.84	6.11	4.88	4.97	8.62	5.88	5.32	2.94	2.94	3.23	2.99
7	2.47	3.81	6.25	4.80	4.82	8.06	5.51	4.62	3.64	2.91	3.37	3.00
8	2.51	3.55	6.13	4.69	4.65	7.21	5.38	5.14	3.50	2.74	3.44	3.03
9	2.52	3.36	5.55	4.65	4.72	6.73	5.33	5.84	3.83	2.64	3.39	3.04
10	2.51	3.18	5.39	4.72	5.28	6.32	5.19	6.06	3.57	2.85	3.14	3.04
11	2.51	3.09	7.44	4.75	5.50	5.90	5.08	5.78	3.19	2.73	2.92	3.04
12	2.58	3.05	10.17	4.75	6.51	5.68	5.11	4.99	3.04	2.86	2.85	3.04
13	2.61	3.05	8.16	4.73	7.75	5.65	5.40	4.36	2.92	3.71	2.79	3.03
14	2.59	3.09	7.16	4.66	8.08	5.72	5.23	3.95	2.82	3.79	2.77	3.04
15	2.59	3.19	6.68	4.87	7.28	5.72	4.88	3.67	2.75	3.22	---	3.06
16	2.63	3.21	6.23	4.96	6.88	5.55	4.59	3.48	2.93	2.84	---	3.12
17	2.74	3.18	5.81	5.00	6.46	5.37	4.34	3.33	4.11	2.76	---	3.12
18	3.45	3.14	5.56	5.06	6.16	5.25	4.17	3.22	4.79	2.71	---	3.13
19	3.60	3.61	5.45	5.00	6.00	5.14	4.15	3.25	3.92	2.63	---	3.14
20	3.28	5.03	5.36	4.95	5.75	5.04	4.04	3.99	3.29	2.55	---	3.14
21	3.00	4.92	5.42	4.90	5.49	4.93	3.93	4.33	3.01	2.50	3.07	3.19
22	2.95	4.35	5.97	4.78	5.30	4.82	3.94	5.01	2.86	2.48	2.94	3.34
23	2.86	5.38	---	5.02	5.17	4.72	3.82	5.06	2.89	2.5[illegible]	2.89	3.43
24	2.84	5.65	---	5.74	5.05	4.63	3.75	4.75	2.78	2.91	2.91	3.48
25	2.81	5.28	---	5.96	4.95	4.51	3.65	4.51	2.69	2.84	2.88	3.29
26	2.77	5.08	---	6.02	5.09	4.48	3.56	4.56	2.62	2.75	2.87	3.16
27	2.74	5.01	---	5.90	6.07	4.49	3.58	4.17	2.69	2.68	2.86	3.12
28	2.72	5.07	---	5.57	6.24	4.97	3.56	3.78	3.06	2.71	2.82	3.11
29	2.71	5.08	---	5.30	6.24	4.85	3.51	3.51	3.18	2.64	2.81	3.11
30	2.71	5.11	---	5.11	---	5.01	3.42	3.34	3.06	2.57	2.81	3.11
31	2.71	---	5.25	4.97	---	4.97	---	3.21	---	2.60	2.80	---
MAX	3.60	5.65	10.17	6.02	8.08	8.62	5.88	6.06	4.79	3.79	3.99	3.48
MIN	2.47	2.73	4.49	4.65	4.65	4.48	3.42	3.21	2.62	2.48	---	2.81

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07352800 GRAND BAYOU NEAR COUSHATTA, LA

LOCATION.--Lat 32°02'55", long 93°18'10", in SW1/4SW1/4 sec.4, T.12 N., R.9 W., Red River Parish, Hydrologic Unit 11130109, near right bank on downstream side of bridge on State Highway 155, 0.5 mi upstream from Carrol Creek, and 3.3 mi north of Coushatta.

DRAINAGE AREA.--93.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1956 to September 1977. June 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 136.26 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair between 100 and 200 cfs, poor below and good above.

AVERAGE DISCHARGE.--26 years (water years 1957-77, 1980-84), 89.4 ft^3/s, 12.93 in/yr, 64,770 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,920 ft^3/s Sept. 21, 1958, gage height, 11.47 ft; no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 5	2130	1630	8.85	Feb. 13	0830	3230	9.82
Dec. 12	1600	*5190	*10.63	Mar. 6	1430	2770	9.57

Minimum, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	18	30	28	466	12	1.7	.00	.03	.01	.03
2	.00	.00	3.5	26	24	210	27	1.5	.00	.01	.00	.04
3	.00	.00	37	26	25	191	122	1.3	.00	.00	.02	.05
4	.00	.00	386	26	45	393	299	1.1	.00	.00	.15	.04
5	.00	.00	1090	25	55	1160	350	1.0	.04	.04	.09	.03
6	.00	.00	1120	23	43	2420	268	.86	.41	.02	.04	.02
7	.00	.00	676	22	31	1430	56	.93	.86	.01	.27	.02
8	.00	.00	418	18	25	770	25	1.2	.31	.00	.28	.00
9	.00	.00	62	17	24	514	26	1.5	.05	.02	.08	.00
10	.00	.00	13	26	97	232	25	13	.04	.00	.04	.00
11	.00	.00	447	51	211	83	17	5.3	.02	.00	.03	.00
12	.00	.00	4070	66	922	64	11	1.1	.00	.00	.03	.00
13	.00	.00	2240	51	2860	101	10	.02	.02	.10	.03	.00
14	.00	.00	883	36	1710	121	12	.00	.07	.07	.03	.00
15	.00	.00	579	54	875	89	7.6	.00	.07	.09	.02	.00
16	.00	.00	297	125	596	59	5.1	.00	.10	.06	.01	.00
17	.00	.00	98	133	368	47	3.4	.00	.17	.05	.01	.00
18	.00	.00	89	90	275	40	2.1	.00	61	.04	.02	.00
19	.00	.00	99	71	152	34	1.0	.07	59	.03	.02	.00
20	.00	.00	81	59	77	28	1.9	.24	3.1	.02	.04	.00
21	.00	.00	56	46	54	22	1.2	.66	.23	.02	.04	.00
22	.00	.00	166	35	48	18	.57	1.5	.00	.01	.03	.00
23	.00	.62	312	49	41	16	.63	11	.00	.00	.04	.00
24	.00	38	318	275	34	14	.23	1.7	.00	.00	.05	.00
25	.00	120	143	368	29	12	1.4	.14	.00	.00	.04	.00
26	.00	52	49	352	75	11	1.4	.00	.02	.02	.05	.00
27	.00	9.6	38	188	460	11	1.1	.00	.02	.18	.06	.00
28	.00	81	42	82	619	11	1.3	.00	.02	.02	.08	.00
29	.00	151	53	56	588	14	1.7	.00	.02	.00	.06	.00
30	.00	101	51	43	---	31	1.7	.02	.03	.00	.04	.00
31	.00	---	38	34	---	18	---	.00	---	.02	.03	---
TOTAL	.00	553.22	13972.5	2503	10391	8630	1292.33	45.84	125.60	.86	1.74	.23
MEAN	.00	18.4	451	80.7	358	278	43.1	1.48	4.19	.03	.06	.01
MAX	.00	151	4070	368	2860	2420	350	13	61	.18	.28	.05
MIN	.00	.00	3.5	17	24	11	.23	.00	.00	.00	.00	.00
CFSM	.00	.20	4.80	.86	3.81	2.96	.46	.02	.04	.00	.00	.00
IN.	.00	.22	5.54	.99	4.12	3.42	.51	.02	.05	.00	.00	.00
AC-FT	.00	1100	27710	4960	20610	17120	2560	91	249	1.7	3.5	.5

CAL YR 1983	TOTAL	54598.11	MEAN	150	MAX	4070	MIN	.00	CFSM	1.60	IN.	21.63	AC-FT	108300
WTR YR 1984	TOTAL	37516.32	MEAN	103	MAX	4070	MIN	.00	CFSM	1.10	IN.	14.86	AC-FT	74410

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07352800 GRAND BAYOU NEAR COUSHATTA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.65	1.65	3.51	2.65	2.50	7.29	2.09	1.78	1.62	1.72	1.64	1.72
2	---	1.65	2.57	2.51	2.35	5.42	2.56	1.79	1.64	1.70	1.63	1.73
3	---	1.65	3.28	2.50	2.39	5.22	4.47	1.77	1.64	1.68	1.65	1.74
4	1.61	1.66	6.93	2.52	2.99	6.95	6.27	1.77	1.64	1.69	1.69	1.74
5	1.59	1.68	8.40	2.48	3.23	8.47	6.67	1.77	1.69	1.72	1.70	1.73
6	1.57	1.74	8.43	2.41	2.91	9.36	6.03	1.77	1.81	1.71	1.66	1.72
7	1.56	1.80	7.83	2.34	2.56	8.70	3.52	1.80	1.89	1.69	1.71	1.70
8	1.54	1.77	7.03	2.19	2.38	8.00	2.78	1.87	1.79	1.68	1.74	1.69
9	1.53	1.77	4.24	2.14	2.31	7.45	2.82	1.92	1.71	1.70	1.69	1.68
10	1.51	1.76	3.22	2.48	3.85	5.66	2.82	2.87	1.71	1.67	1.67	1.66
11	1.50	1.76	6.80	3.20	5.42	3.83	2.49	2.34	1.69	1.66	1.67	1.64
12	1.50	1.76	10.16	3.54	7.58	3.49	2.21	1.86	1.66	1.67	1.67	1.61
13	1.50	1.76	9.22	3.20	9.62	4.14	2.20	1.56	1.68	1.75	1.67	1.50
14	1.49	1.77	8.17	2.79	8.91	4.43	2.31	1.39	1.75	1.74	1.67	1.33
15	1.49	1.78	7.62	3.24	8.16	3.95	2.06	1.46	1.75	1.74	1.66	1.30
16	1.50	1.78	6.17	4.47	7.66	3.41	1.86	1.47	1.76	1.73	1.65	1.28
17	1.53	1.78	4.09	4.57	6.77	3.14	1.72	1.53	1.78	1.72	1.65	1.24
18	1.60	1.79	3.96	3.94	6.02	2.97	1.59	1.60	3.86	1.70	1.66	1.22
19	1.61	1.86	4.12	3.60	4.71	2.79	1.45	1.68	3.99	1.69	1.67	1.19
20	1.62	1.97	3.82	3.36	3.62	2.60	1.60	1.74	2.20	1.68	1.69	1.16
21	1.63	1.96	3.33	3.04	3.16	2.41	1.52	1.82	1.76	1.67	1.70	1.26
22	1.64	1.98	4.97	2.73	2.99	2.26	1.43	1.93	1.57	1.66	1.69	1.44
23	1.65	2.18	6.36	3.07	2.82	2.14	1.46	2.76	1.55	1.64	1.71	1.44
24	1.66	3.71	6.41	6.03	2.63	2.05	1.41	1.97	1.63	1.63	1.72	1.44
25	1.66	5.10	4.62	6.77	2.46	1.97	1.63	1.67	1.68	1.63	1.71	1.44
26	1.66	4.21	3.16	6.65	3.19	1.91	1.65	1.47	1.72	1.65	1.72	1.43
27	1.66	3.09	2.87	5.20	7.27	1.89	1.62	1.49	1.72	1.70	1.73	1.42
28	1.66	4.58	2.98	3.78	7.71	1.91	1.68	1.47	1.72	1.66	1.75	1.41
29	1.66	5.40	3.27	3.26	7.64	2.12	1.74	1.62	1.71	1.63	1.73	1.39
30	1.66	4.90	3.22	2.93	---	2.81	1.77	1.66	1.73	1.64	1.72	1.39
31	1.65	---	2.88	2.67	---	2.34	---	1.65	---	1.65	1.71	---
MAX	1.66	5.40	10.16	6.77	9.62	9.36	6.67	2.87	3.99	1.75	1.75	1.74
MIN	1.49	1.65	2.57	2.14	2.31	1.89	1.41	1.39	1.55	1.63	1.63	1.16

07352800 GRAND BAYOU NEAR COUSHATTA, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955-56, 1966-67, 1979 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: March 1981 to December 1982.
SUSPENDED-SEDIMENT DISCHARGE: March 1981 to December 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 18...	1400	162	6.9	22.5	30	4.0	7.2	84	5.6	44
JAN 18...	1100	121	5.5	3.0	60	10	11.2	27	2.8	56
APR 10...	1010	131	6.6	16.0	80	10	6.7	17	1.8	44
JUL 10...	1130	155	7.0	26.5	50	6.0	.6	49	3.7	K650

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 18...	580	51	13	4.4	11	4.2	83	6.6	11
JAN 18...	780	19	4.1	2.1	14	2.0	8	17	20
APR 10...	92	20	4.7	2.1	15	1.7	13	8.6	23
JUL 10...	390	38	9.9	3.3	12	3.0	36	3.1	18

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 18...	<.1	2.6	118	86	26	<.1	2.4	.22	12
JAN 18...	<.1	8.7	98	73	<1	.1	1.6	.05	13
APR 10...	<.1	8.3	68	71	18	<.1	1.5	.09	12
JUL 10...	<.1	5.2	89	76	44	<.1	2.2	.14	11

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07352800 GRAND BAYOU NEAR COUSHATTA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
18...	1	<1	1	3	3	<1	4	10	190	3500	3

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT										
18...	50	12000	610	<1.0	.05	20	45	<.01	24	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
18...	210	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)
OCT											
18...	<.01	<.1	<.01	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.01

DATE	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
OCT											
18...	<.1	<.01	<.1	<.01	<.1	<.01	<.01	<.1	<.01	<.01	<.01

DATE	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT											
18...	<.1	<.01	<.1	<1	<1	<10	<.01	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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07352800 GRAND BAYOU NEAR COUSHATTA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT		
18...	8	88
DEC		
07...	37	49
JAN		
18...	21	70
MAR		
21...	18	72
APR		
10...	28	89
MAY		
09...	11	50
JUN		
06...	49	69
JUL		
10...	33	100
AUG		
22...	30	58
SEP		
11...	22	68

07352895 BLACK LAKE BAYOU NEAR CLARENCE, LA

LOCATION.--Lat 31°52'24", long 92°58'00", in NW1/4SE1/4 sec. 3, T.10 N., R. 6 W., Natchitoches Parish, Hydrologic Unit 11140209, on downstream side of bridge on parish road, 1.8 mi northeast of Chivery Dam, 2.8 mi upstream from Allen Dam, and 5.0 mi northeast of Clarence.

DRAINAGE AREA.--908 mi^2 (see REMARKS).

PERIOD OF RECORD.--December 1969 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 88.49 ft National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, at datum 6.00 ft higher.

REMARKS.--Drainage area does not include 412 mi^2 of Saline Lake. Flows are interchangeable between Black and Saline Lakes, combined usuable capacity, 161,000 acre acre-ft. Considerable regulation by Chivery Dam. Lakes are used for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.25 ft (present datum) Jan. 1, 1983; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.44 ft Dec. 16; minimum, 8.83 ft Oct. 17, Sept. 21.

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.02	9.08	10.17	12.81	11.41	13.09	11.65	10.43	9.89	9.44	9.29	9.13
2	9.01	9.09	10.22	12.69	11.38	13.06	11.53	10.36	9.85	9.41	9.26	9.12
3	9.01	9.08	10.45	12.54	11.38	13.04	11.90	10.33	9.82	9.40	9.23	9.12
4	8.99	9.08	10.79	12.40	11.33	13.01	12.00	10.27	9.78	9.39	9.23	9.18
5	8.99	9.12	10.87	12.27	11.27	14.09	12.00	10.22	9.73	9.44	9.28	9.14
6	8.97	9.09	11.00	12.13	11.19	14.82	11.95	10.15	9.71	9.39	9.26	9.11
7	8.95	9.18	11.16	12.01	11.13	15.36	11.91	10.15	9.82	9.38	9.29	9.09
8	8.95	9.17	11.50	11.89	11.08	15.79	12.05	10.20	9.80	9.36	9.33	9.05
9	8.93	9.20	11.76	11.78	11.05	16.01	12.08	10.16	9.78	9.38	9.32	9.06
10	8.92	9.21	11.96	11.76	11.03	16.24	12.02	10.15	9.76	9.36	9.33	9.04
11	8.90	9.20	12.73	11.61	11.01	16.33	11.97	10.14	9.73	9.35	9.32	9.03
12	8.91	9.18	13.06	11.51	11.35	16.26	11.88	10.17	9.71	9.35	9.32	9.02
13	8.90	9.19	13.83	11.43	11.94	16.05	11.80	10.21	9.70	9.42	9.31	9.01
14	8.87	9.19	15.07	11.35	12.50	15.74	11.69	10.23	9.67	9.43	9.30	9.00
15	8.85	9.22	15.93	11.35	13.16	15.40	11.61	10.23	9.65	9.42	9.30	8.98
16	8.86	9.20	16.34	11.30	13.64	15.07	11.51	10.20	9.62	9.40	9.28	8.96
17	8.85	9.19	16.43	11.26	13.87	14.75	11.42	10.16	9.59	9.39	9.26	8.93
18	9.12	9.16	16.26	11.24	14.03	14.42	11.34	10.12	9.57	9.38	9.25	8.91
19	9.10	9.14	15.99	11.22	14.17	14.12	11.25	10.07	9.56	9.35	9.24	8.88
20	9.09	9.30	15.63	11.18	14.19	13.93	11.16	10.15	9.57	9.35	9.27	8.86
21	9.09	9.28	15.27	11.14	14.11	13.60	11.09	10.11	9.59	9.31	9.28	8.85
22	9.16	9.29	15.04	11.10	13.96	13.36	11.08	10.13	9.57	9.31	9.27	8.92
23	9.15	9.64	14.71	11.07	13.77	13.14	11.01	10.12	9.56	9.29	9.27	8.99
24	9.13	9.66	14.46	11.28	13.60	12.95	10.89	10.11	9.54	9.30	9.26	9.02
25	9.14	9.63	14.18	11.34	13.37	12.74	10.79	10.09	9.53	9.30	9.23	9.02
26	9.12	9.66	13.93	11.38	13.16	12.51	10.72	10.07	9.48	9.36	9.21	9.03
27	9.11	9.89	13.72	11.42	13.32	12.37	10.68	10.11	9.46	9.35	9.19	9.02
28	9.10	9.99	13.52	11.46	13.25	12.30	10.62	10.07	9.49	9.38	9.18	8.99
29	9.10	10.03	13.33	11.48	13.14	12.07	10.56	10.05	9.47	9.36	9.17	8.99
30	9.10	10.08	13.17	11.49	---	11.91	10.52	9.99	9.45	9.33	9.14	8.96
31	9.09	---	13.02	11.44	---	11.77	---	9.93	---	9.30	9.15	---
MAX	9.16	10.08	16.43	12.81	14.19	16.33	12.08	10.43	9.89	9.44	9.33	9.18
MIN	8.85	9.08	10.17	11.07	11.01	11.77	10.52	9.93	9.45	9.29	9.14	8.85

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07353520 NANTACHIE LAKE NEAR ALOHA, LA

LOCATION.--Lat 31°37'00", long 92°47'04", in SE1/4NW1/4 sec.4, T.7 N., R.4 W., Grant Parish, Hydrologic Unit 11140207, at dam 2.0 mi upstream from mouth, and 2.5 mi northwest of Aloha.

DRAINAGE AREA.--80.4 mi^2.

PERIOD OF RECORD.--February 1969 to September 1979. October 1979 to current year (gage heights only).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 92.28 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Reservoir is formed on Nantachie Creek by earthfill dam, completed in 1964. Storage began Oct. 19, 1964. The dam contains a 150-ft concrete spillway. The crest of the spillway is 3.05 ft gage height. Drawdown structure consists of one 5- by 5-ft metal sluice gate that can be varied from -16.78 to -11.78 ft gage height. Area of lake is 1,580 acres, usable capacity, 11,200 acre-ft at 3.05 ft gage height. Reservoir is used for recreation.

AVERAGE DISCHARGE.--9 years (water years 1970-72, 1974-79), 72.6 ft^3/s, 52,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,200 ft^3/s Dec. 27, 1982, gage height, 9.39 ft; no flow at times most years. Reverse flow possible May 1973.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.88 ft Feb. 13; minimum, 2.68 ft Oct. 17, Nov. 18, 19.

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.85	2.71	3.37	3.39	3.38	3.66	3.23	3.17	3.19	3.23	2.94	2.97
2	2.84	2.70	3.33	3.33	3.34	3.57	3.22	3.15	3.18	3.20	2.93	2.95
3	2.83	2.70	3.66	3.31	3.35	3.50	3.59	3.15	3.18	3.17	2.91	2.97
4	2.82	2.70	4.58	3.28	3.33	3.44	4.02	3.14	3.17	3.15	2.90	3.05
5	2.82	2.73	4.34	3.27	3.30	4.35	4.16	3.12	3.16	3.13	2.95	3.04
6	2.80	2.72	4.25	3.26	3.28	4.56	3.99	3.11	3.15	3.11	2.96	3.03
7	2.78	2.75	3.97	3.25	3.26	4.40	3.83	3.11	3.82	3.10	3.14	3.02
8	2.77	2.76	3.73	3.24	3.25	3.86	3.93	3.20	4.04	3.09	3.20	3.00
9	2.76	2.76	3.56	3.24	3.24	3.50	4.03	3.16	3.88	3.08	3.18	3.00
10	2.75	2.76	3.45	3.37	3.25	3.18	3.98	3.14	3.77	3.12	3.17	3.00
11	2.74	2.74	3.67	3.36	3.26	3.38	3.92	3.12	3.63	3.12	3.16	2.99
12	2.74	2.73	3.75	3.34	3.98	3.48	3.80	3.11	3.52	3.11	3.14	2.98
13	2.73	2.72	3.78	3.33	4.79	3.54	3.66	3.10	3.43	3.12	3.12	2.97
14	2.71	2.72	3.80	3.31	4.82	3.57	3.55	3.09	3.36	3.11	3.10	2.96
15	2.69	2.73	3.73	3.33	4.43	3.57	3.45	3.08	3.31	3.10	3.10	2.95
16	2.69	2.72	3.61	3.35	4.16	3.54	3.38	3.07	3.29	3.10	3.08	2.91
17	2.69	2.71	3.55	3.38	3.95	3.50	3.33	3.04	3.30	3.08	3.07	2.88
18	2.73	2.69	3.49	3.42	3.79	3.45	3.29	3.03	3.30	3.08	3.06	2.86
19	2.74	2.69	3.45	3.43	3.71	3.41	3.27	3.01	3.30	3.07	3.05	2.85
20	2.73	2.96	3.41	3.43	3.62	3.39	3.24	3.19	3.29	3.05	3.04	2.83
21	2.73	3.01	3.38	3.42	3.57	3.33	3.23	3.21	3.29	3.03	3.06	2.81
22	2.80	3.03	3.44	3.39	3.51	3.31	3.22	3.38	3.28	3.01	3.05	2.95
23	2.79	3.31	3.41	3.35	3.46	3.29	3.21	3.48	3.25	3.00	3.04	3.10
24	2.78	3.39	3.42	3.66	3.41	3.29	3.19	3.49	3.24	2.98	3.06	3.19
25	2.77	3.34	3.43	3.75	3.37	3.27	3.17	3.46	3.22	2.97	3.04	3.18
26	2.76	3.29	3.42	3.77	3.33	3.26	3.16	3.38	3.19	2.96	3.03	3.16
27	2.74	3.40	3.42	3.77	3.71	3.25	3.17	3.34	3.17	2.95	3.02	3.14
28	2.73	3.43	3.38	3.69	3.72	3.29	3.18	3.33	3.23	2.94	3.00	3.12
29	2.72	3.37	3.40	3.59	3.69	3.26	3.17	3.30	3.25	2.99	2.99	3.10
30	2.72	3.32	3.40	3.51	---	3.24	3.18	3.25	3.25	2.97	2.98	3.07
31	2.71	---	3.40	3.43	---	3.24	---	3.21	---	2.96	2.98	---
MAX	2.85	3.43	4.58	3.77	4.82	4.56	4.16	3.49	4.04	3.23	3.20	3.19
MIN	2.69	2.69	3.33	3.24	3.24	3.18	3.16	3.01	3.15	2.94	2.90	2.81

07354100 KISATCHIE BAYOU AT LOTUS, LA
(Formerly published as Kisatchie Bayou near Bellwood)

LOCATION.--Lat 31°29'04", long 93°08'19", NW1/4SE1/4 sec. 24, T. 6 N., R. 8 W., Natchitoches Parish, Hydrologic Unit 11140207, at right bank on downstream side of bridge on unnumbered parish road, 0.5 mi west of Lotus, 1.2 mi downstream from Sheard Branch, and 4.8 mi southeast of Bellwood.

DRAINAGE AREA.--140 mi^2.

PERIOD OF RECORD.--Occasional low-flow measurements water years 1956-63 (published as "near Bellwood"). December 1979 to current year. Gage-height records and discharge measurements December 1938 to July 1942 and January 1956 to September 1979 are in reports of Corps of Engineers, New Orleans district.

REVISED RECORDS.--WRD LA-82-1: 1982 (P).

GAGE.--Water-stage recorder. Datum of gage is 123.57 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to January 1956 at datum 1.24 ft higher.

REMARKS.--Records good, except those for the period of indefinite stage-discharge relation Jan. 1-7, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 30, 1939, reached a stage of 19.3 ft, present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 33,700 ft^3/s Dec. 27, 1983, gage height, 18.17 ft, from rating curve extended above 1,470 ft^3/s on basis of contracted-opening measurement at gage height 18.17 ft; minimum 2.8 ft^3/s Oct. 4, 5, 6, 7, 1982; minimum gage height, 1.94 ft Oct. 6, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,220 ft^3/s Feb. 12, gage height 16.63 ft; minimum, 5.1 ft^3/s Sept. 20, 21, gage height, 2.67 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	25	216	115	135	184	79	40	25	21	17	8.1
2	24	24	365	109	127	169	555	39	23	35	14	8.1
3	24	24	5290	102	169	160	2120	38	22	32	12	8.1
4	24	24	6220	99	199	152	406	35	20	21	12	10
5	24	35	804	96	147	5100	204	32	19	21	12	23
6	24	39	1970	94	122	2930	153	30	166	23	20	16
7	24	43	550	92	110	488	129	29	2040	18	22	11
8	23	48	321	100	105	316	2270	161	323	17	28	9.8
9	23	41	253	131	104	247	795	147	120	42	98	8.9
10	23	36	322	872	118	213	268	61	70	34	36	8.2
11	23	33	1300	379	127	195	200	42	56	25	24	7.7
12	23	31	455	209	6020	202	172	34	114	19	24	7.2
13	23	30	262	167	5150	304	139	30	64	16	24	6.8
14	24	29	229	145	663	219	119	28	44	16	17	6.5
15	23	30	196	417	412	183	102	25	42	15	13	6.3
16	23	30	179	362	811	163	90	24	64	14	12	6.0
17	23	29	283	215	439	149	83	22	281	14	11	5.7
18	393	28	229	226	294	138	77	21	90	15	11	5.5
19	111	135	180	221	249	130	72	22	109	14	11	5.3
20	55	645	158	167	220	128	69	85	54	13	11	5.2
21	46	162	217	142	241	113	64	102	38	12	11	5.5
22	47	101	513	130	226	102	60	289	31	12	10	71
23	41	577	255	373	194	96	55	158	27	12	9.8	223
24	35	427	186	1940	177	93	51	75	24	12	9.5	363
25	32	160	145	523	161	87	48	49	22	12	9.2	92
26	30	103	136	278	187	81	45	57	20	12	8.9	43
27	28	1050	146	218	955	85	46	209	19	17	8.7	28
28	27	762	222	187	345	290	47	110	19	36	8.5	22
29	26	243	203	167	217	193	45	53	21	112	8.3	19
30	25	164	148	154	---	115	42	35	22	69	8.2	16
31	25	---	122	148	---	89	---	29	---	30	8.1	---
TOTAL	1320	5108	22075	8578	18424	13114	8605	2111	3989	761	529.2	1055.9
MEAN	42.6	170	712	277	635	423	287	68.1	133	24.5	17.1	35.2
MAX	393	1050	6220	1940	6020	5100	2270	289	2040	112	98	363
MIN	23	24	122	92	104	81	42	21	19	12	8.1	5.2
CFSM	.30	1.21	5.09	1.98	4.54	3.02	2.05	.49	.95	.17	.12	.25
IN.	.35	1.36	5.87	2.28	4.90	3.48	2.29	.56	1.06	.20	.14	.28
AC-FT	2620	10130	43790	17010	36540	26010	17070	4190	7910	1510	1050	2090

CAL YR 1983 TOTAL 118676 MEAN 325 MAX 8520 MIN 18 CFSM 2.32 IN. 31.53 AC-FT 235400
WTR YR 1984 TOTAL 85670.1 MEAN 234 MAX 6220 MIN 5.2 CFSM 1.67 IN. 22.76 AC-FT 169900

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07354100 KISATCHIE BAYOU AT LOTUS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.23	---	5.87	5.27	5.36	5.99	4.97	4.12	3.71	3.47	3.21	2.84
2	3.21	---	6.78	5.23	5.25	5.81	7.25	4.11	3.63	3.86	3.08	2.84
3	3.19	---	15.39	5.20	5.79	5.69	12.98	4.07	3.58	3.80	3.03	2.84
4	3.18	---	15.86	5.13	6.17	5.59	8.04	3.98	3.53	3.46	3.03	2.93
5	3.17	3.42	9.99	5.07	5.52	14.52	6.50	3.90	3.49	3.45	3.04	3.41
6	3.16	3.50	12.98	5.01	5.17	13.12	5.93	3.84	4.74	3.52	3.30	3.17
7	3.15	3.60	8.78	4.95	5.00	8.56	5.63	3.81	12.98	3.35	3.38	2.96
8	3.14	3.69	7.36	4.87	4.94	7.52	12.42	5.90	7.40	3.30	3.53	2.92
9	3.13	3.56	6.79	5.27	4.92	6.97	9.83	5.83	5.51	3.96	4.83	2.88
10	3.12	3.43	7.15	10.33	5.11	6.61	7.13	4.62	4.79	3.82	3.73	2.85
11	3.11	3.37	11.75	7.73	5.24	6.41	6.47	4.18	4.50	3.55	3.42	2.82
12	3.11	3.32	8.23	6.28	15.12	6.48	6.15	3.97	5.42	3.35	3.42	2.79
13	3.12	3.30	6.88	5.78	15.09	7.44	5.75	3.86	4.67	3.25	3.42	2.77
14	3.14	3.30	6.53	5.49	9.39	6.68	5.49	3.77	4.22	3.22	3.19	2.75
15	3.14	3.32	6.14	7.81	7.98	6.27	5.28	3.71	4.17	3.20	3.05	2.74
16	3.12	3.30	5.93	7.62	10.04	6.04	5.12	3.65	4.61	3.17	3.01	2.73
17	3.13	3.27	7.05	6.36	8.15	5.88	5.04	3.59	7.03	3.14	2.98	2.71
18	7.10	3.27	6.53	6.48	7.17	5.74	4.93	3.55	5.13	3.16	2.96	2.69
19	4.61	4.17	5.94	6.43	6.75	5.64	4.85	3.59	5.36	3.15	2.96	2.68
20	3.81	8.55	5.66	5.78	6.42	5.61	4.77	4.89	4.46	3.10	2.96	2.68
21	3.65	5.25	6.17	5.46	6.67	5.41	4.68	5.28	4.05	3.06	2.96	2.70
22	3.68	4.49	8.58	5.29	6.49	5.28	4.60	7.17	3.85	3.04	2.95	4.16
23	3.55	8.18	6.78	6.83	6.11	5.19	4.49	5.97	3.74	3.03	2.92	5.97
24	3.43	7.40	6.01	12.95	5.90	5.16	4.39	4.87	3.64	3.02	2.91	7.36
25	3.36	5.22	5.50	8.62	5.71	5.08	4.32	4.35	3.55	3.01	2.90	4.74
26	3.30	4.52	5.37	7.02	5.95	5.00	4.26	4.41	3.48	3.04	2.86	3.87
27	3.27	9.51	5.51	6.39	10.66	5.05	4.28	6.57	3.44	3.23	2.87	3.48
28	---	9.21	6.45	6.02	7.51	7.31	4.30	5.37	3.43	3.76	2.86	3.30
29	---	6.11	6.22	5.78	6.38	6.38	4.25	4.43	3.49	5.00	2.85	3.21
30	---	5.29	5.53	5.62	---	5.44	4.18	4.01	3.51	4.38	2.84	3.10
31	---	---	5.17	5.54	---	5.11	---	3.82	---	3.61	2.84	---
MAX	7.10	9.51	15.86	12.95	15.12	14.52	12.98	7.17	12.98	5.00	4.83	7.36
MIN	3.11	---	5.17	4.87	4.92	5.00	4.18	3.55	3.43	3.01	2.84	2.68

07354950 RED RIVER AT COLFAX, LA (CE 04450)

LOCATION.--Lat 31°30'58", long 92°43'13", in lot 38, T.6 N., R.3 W., Grant Parish, Hydrologic Unit 11140207, at mouth of Cane River, 0.3 mi west of Colfax, and at river mile 140.5.

DRAINAGE AREA.--66,860 mi^2, of which 5,936 mi above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1975 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).
SUSPENDED-SEDIMENT CONCENTRATIONS: December 1975 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 11, 1978, on many days during July, Aug., and Sept. 1983; minimum daily, 1.0°C Dec. 27-31, 1983.
CHLORIDE: Maximum daily, 400 mg/L June 29, 1978; minimum daily, 13 mg/L Dec. 21, 1982.
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily, 4,940 mg/L Mar. 25, 1977; minimum daily, 31 mg/L July 14, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 26-27, July 12-18, 21, Aug. 21-22; minimum daily, 1.0°C Dec. 27-31.
CHLORIDE: Maximum daily, 270 mg/L Nov. 7; minimum daily, 20 mg/L Mar. 9.
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily, 1950 mg/L Nov. 1; minimum daily, 44 mg/L Aug. 6.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	19.0	13.0	2.0	8.0	10.0	15.0	23.0	---	29.0	29.0	30.0
2	24.0	20.0	13.0	3.0	9.0	12.0	15.0	23.0	25.0	29.0	28.0	30.0
3	24.0	20.0	14.0	3.0	10.0	14.0	15.0	23.0	25.0	29.0	28.0	30.0
4	25.0	21.0	14.0	3.0	10.0	14.0	15.0	23.0	25.0	29.0	28.0	30.0
5	26.0	20.0	14.0	3.0	10.0	15.0	15.0	23.0	26.0	30.0	28.0	29.0
6	25.0	19.0	13.0	4.0	9.0	12.0	15.0	23.0	26.0	30.0	28.0	28.0
7	25.0	19.0	12.0	4.0	10.0	11.0	15.0	23.0	25.0	30.0	28.0	27.0
8	24.0	19.0	12.0	3.0	9.0	12.0	15.0	22.0	26.0	30.0	27.0	27.0
9	24.0	19.0	12.0	6.0	10.0	12.0	16.0	22.0	26.0	30.0	27.0	27.0
10	24.0	17.0	13.0	7.0	12.0	12.0	16.0	22.0	26.0	30.0	27.0	27.0
11	24.0	16.0	13.0	6.0	14.0	12.0	16.0	22.0	26.0	30.0	27.0	28.0
12	24.0	16.0	13.0	6.0	14.0	12.0	17.0	22.0	27.0	31.0	27.0	28.0
13	23.0	16.0	13.0	6.0	14.0	15.0	18.0	23.0	27.0	31.0	28.0	29.0
14	22.0	16.0	12.0	6.0	14.0	15.0	18.0	23.0	28.0	31.0	28.0	29.0
15	20.0	16.0	11.0	5.0	14.0	17.0	18.0	24.0	29.0	31.0	29.0	29.0
16	21.0	14.0	11.0	5.0	14.0	19.0	17.0	24.0	30.0	31.0	29.0	28.0
17	22.0	14.0	11.0	5.0	14.0	17.0	18.0	24.0	30.0	31.0	29.0	28.0
18	23.0	16.0	10.0	4.0	14.0	18.0	18.0	24.0	30.0	31.0	29.0	27.0
19	23.0	16.0	9.0	4.0	14.0	19.0	19.0	24.0	30.0	30.0	30.0	26.0
20	24.0	16.0	7.0	4.0	14.0	14.0	20.0	24.0	30.0	30.0	30.0	26.0
21	24.0	16.0	6.0	3.0	12.0	14.0	20.0	24.0	30.0	31.0	31.0	25.0
22	23.0	17.0	5.0	3.0	12.0	15.0	20.0	23.0	30.0	30.0	31.0	26.0
23	22.0	17.0	5.0	3.0	12.0	17.0	20.0	23.0	---	30.0	30.0	25.0
24	22.0	16.0	3.0	4.0	13.0	17.0	20.0	24.0	---	30.0	30.0	25.0
25	20.0	15.0	2.0	5.0	13.0	14.0	20.0	25.0	---	30.0	29.0	25.0
26	20.0	14.0	2.0	5.0	13.0	15.0	20.0	25.0	31.0	30.0	29.0	25.0
27	19.0	14.0	1.0	6.0	13.0	16.0	21.0	25.0	31.0	29.0	29.0	25.0
28	19.0	14.0	1.0	6.0	11.0	17.0	22.0	25.0	30.0	29.0	30.0	25.0
29	18.0	14.0	1.0	7.0	11.0	14.0	22.0	25.0	29.0	29.0	30.0	25.0
30	19.0	13.0	1.0	8.0	---	12.0	23.0	25.0	29.0	29.0	30.0	---
31	19.0	---	1.0	8.0	---	14.0	---	24.0	---	29.0	30.0	---
MEAN	22.5	16.5	8.5	4.5	12.0	14.5	18.0	23.5	27.0	30.0	29.0	27.0
MAX	26.0	21.0	14.0	8.0	14.0	19.0	23.0	25.0	31.0	31.0	31.0	30.0
MIN	18.0	13.0	1.0	2.0	8.0	10.0	15.0	22.0	25.0	29.0	27.0	25.0

07354950 RED RIVER AT COLFAX, LA (CE 04450)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	140	150	120	49	89	50	46	61	50	210	220	210
2	160	220	140	50	91	49	30	50	54	210	220	210
3	150	240	130	53	86	50	24	38	39	210	210	200
4	140	240	110	69	77	44	30	32	42	200	210	200
5	130	260	99	68	78	40	31	30	38	200	130	190
6	150	250	100	78	76	28	30	40	33	200	130	200
7	140	270	90	80	69	24	32	40	54	200	130	200
8	150	220	72	75	74	23	38	34	120	180	120	210
9	130	240	78	76	80	20	39	29	110	170	140	220
10	130	250	65	88	79	24	52	24	68	180	140	150
11	120	240	32	82	78	23	42	21	50	170	140	160
12	140	220	38	81	76	31	45	23	55	160	180	180
13	150	220	38	82	39	38	46	34	56	150	190	220
14	150	220	32	92	76	42	49	30	58	190	180	240
15	170	220	44	91	30	36	51	39	71	190	150	200
16	150	220	47	94	31	34	49	35	76	160	160	190
17	140	210	33	86	37	44	56	36	90	150	150	120
18	160	220	30	78	41	76	52	33	86	140	160	130
19	180	220	33	52	38	56	56	36	110	120	130	180
20	170	210	34	51	29	27	56	51	110	130	130	220
21	170	210	35	50	27	35	48	49	130	130	120	180
22	170	200	42	50	29	36	45	47	130	130	110	190
23	120	200	43	58	26	41	58	48	140	170	130	150
24	120	180	44	57	23	43	55	44	140	170	120	130
25	130	200	46	70	29	48	62	46	130	190	130	130
26	130	200	50	61	30	56	56	49	160	190	140	130
27	70	170	44	56	35	53	64	71	150	170	140	140
28	74	140	44	53	37	54	78	75	150	180	170	130
29	52	120	49	53	48	50	72	55	190	180	160	130
30	120	110	48	67	---	50	69	58	170	180	160	120
31	50	---	48	52	---	52	---	47	---	180	150	---
MEAN	130	210	60	68	54	41	49	42	95	170	150	180
MAX	180	270	140	94	91	76	78	75	190	210	220	240
MIN	50	110	30	49	23	20	24	21	33	120	110	120

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	175	1950	378	291	139	400	1830	593	144	74	95	110
2	131	1340	241	206	128	568	1230	382	219	61	88	127
3	178	1120	772	167	119	437	674	369	174	79	121	93
4	136	1910	371	140	253	641	615	487	271	76	125	157
5	176	827	527	144	264	1280	531	342	152	84	49	224
6	144	1140	410	182	108	1120	408	552	154	142	44	191
7	157	814	524	100	161	598	1220	1590	297	144	62	189
8	136	714	455	135	90	694	269	1740	115	105	79	216
9	174	693	325	206	87	321	265	1540	213	99	66	165
10	150	694	448	170	94	414	451	855	129	95	79	141
11	146	578	361	116	95	467	409	755	124	87	83	153
12	184	498	423	101	593	398	481	925	77	47	90	137
13	183	532	430	169	1180	339	429	1840	105	105	86	154
14	160	500	465	234	628	426	520	502	78	69	81	152
15	144	720	401	216	945	455	584	489	156	141	72	120
16	107	536	295	145	445	191	475	625	105	113	52	191
17	125	434	235	143	641	536	473	514	94	90	58	205
18	106	473	210	139	868	753	409	607	835	71	59	151
19	119	816	139	114	537	754	348	378	128	75	80	142
20	102	476	245	115	596	1210	497	275	123	64	78	168
21	97	468	212	166	386	1230	435	542	110	90	100	104
22	125	639	167	192	344	931	402	283	121	100	119	99
23	95	555	178	270	275	717	330	323	126	189	68	98
24	97	489	162	193	275	649	272	251	117	89	85	125
25	140	417	174	351	389	856	438	335	212	96	73	146
26	132	337	582	140	503	717	291	256	110	131	85	174
27	118	355	205	108	410	850	309	473	188	115	81	136
28	106	407	182	112	386	965	359	290	137	73	96	162
29	108	346	146	120	347	581	324	264	102	77	63	131
30	159	273	126	112	---	1260	417	213	164	107	84	162
31	322	---	132	104	---	1270	---	228	---	98	105	---
MEAN	143	702	320	165	389	711	523	607	169	96	81	151
MAX	322	1950	772	351	1180	1280	1830	1840	835	189	125	224
MIN	95	273	126	100	87	191	265	213	77	47	44	93

BEST COPY AVAILABLE

07355130 RED RIVER AT BOYCE, LA (CE 04525)

LOCATION.--Lat 31°23'38", long 92°40'02", T.5 N., R.3 W., Grant-Rapides Parish line, Hydrologic Unit 11140207, near center of span on downstream side of bridge on State Highway 8, 0.2 mi northwest of Boyce, and at mile 135.0.

DRAINAGE AREA.--66,998 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1973 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 12...	0800	1030	7.5	22.5	5	9.0	7.4	28	4.0	K4200	K24	140
NOV 01...	1420	1150	7.4	19.0	5	250	6.3	13	3.1	K1000	K100	--
DEC 05...	1620	541	7.1	15.0	60	160	8.7	40	2.0	3800	1200	4500
JAN 18...	0930	476	7.3	4.0	50	45	13.0	21	3.5	13000	K160	5000
FEB 22...	0830	191	7.4	11.0	100	130	8.7	14	1.2	K250	K200	2000
MAR 21...	1330	299	7.5	16.0	80	200	8.4	20	2.1	K850	K70	2200
APR 03...	1445	248	7.6	17.0	120	230	9.3	<10	--	2400	K320	340
MAY 08...	1315	304	7.4	22.0	80	320	6.6	15	1.6	7000	280	180
JUN 05...	1415	390	7.7	26.5	20	35	8.3	17	1.4	K12	K6	K26
JUL 05...	1430	1150	8.4	30.5	15	20	9.1	18	6.6	K40	K4	560
AUG 13...	1430	1130	8.2	28.0	10	15	8.5	12	--	K210	K24	120
SEP 10...	1500	1330	8.1	29.0	15	20	8.3	19	4.1	--	K12	K48

DATE	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT 12...	260	73	20	219	90	140	605
NOV 01...	260	74	19	158	--	--	652
DEC 05...	100	26	9.5	62	--	--	300
JAN 18...	110	32	6.7	78	49	66	284
FEB 22...	49	14	3.5	33	--	--	123
MAR 21...	74	22	4.6	63	26	32	167
APR 03...	63	19	3.8	62	22	23	132
MAY 08...	87	26	5.3	75	29	32	187
JUN 05...	110	33	7.9	97	42	55	219
JUL 05...	260	65	23	145	130	190	735
AUG 13...	260	68	22	170	120	170	636
SEP 10...	290	77	24	170	150	280	783

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07355130 RED RIVER AT BOYCE, LA (CE 04525)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT							
12...	5	.02	.3	1.4	.09	.04	7.6
NOV							
01...	730	.11	.3	1.4	.11	.03	12
DEC							
05...	264	.04	.3	.8	.15	.12	12
JAN							
18...	68	.03	.3	1.0	.16	.07	8.7
FEB							
22...	212	.04	.2	.5	.18	.09	9.4
MAR							
21...	118	.06	.4	.5	.13	.09	11
APR							
03...	70	.09	.3	.6	1.1	.17	12
MAY							
08...	912	.04	.3	2.2	.07	.05	8.0
JUN							
05...	34	.05	<.1	1.7	.07	.04	5.3
JUL							
05...	54	<.01	<.1	1.3	.15	.04	6.5
AUG							
13...	43	.01	<.1	.7	.11	.03	2.7
SEP							
10...	55	<.01	<.1	1.0	.05	.04	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)
OCT											
12...	2	<10	<1	10	3	730	8	250	2.4	5	<1
JAN											
18...	2	<10	1	10	6	2700	4	80	<.1	6	<1
APR											
03...	2	<10	<1	20	19	14000	62	400	<.1	15	<1
JUL											
05...	1	<10	1	10	6	730	5	190	.3	3	<1

DATE	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT											
12...	20	<.01	15	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN											
18...	30	<.01	2	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR											
03...	70	<.01	6	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL											
05...	30	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

07355130 RED RIVER AT BOYCE, LA (CE 04525)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT											
12...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN											
18...	.03	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR											
03...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL											
05...	.20	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
12...	<.01	<.01	<.01	<.1	<1	<.01	<.01	<.01	.01	<.01
JAN										
18...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01
APR										
03...	<.01	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01
JUL										
05...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07355500 RED RIVER AT ALEXANDRIA, LA
(National stream-quality accounting network station)

LOCATION.--Lat 31°18'46", long 92°26'34", in SE1/4 sec.10, T.4 N., R.1 W., Rapides Parish, Hydrologic Unit 08040301, near center of span on downstream side of Murray Street bridge between Alexandria and Pineville, and 1.7 mi downstream from Bayou Rigolette. Water-quality sampling site at center of channel 0.3 mi downstream.

DRAINAGE AREA.--67,500 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1928 to September 1983 (see NOTE). Since January 1928, in reports of Mississippi River Commission. Discharge observations in 1858 and intermittently 1879 to 1927, and gage heights since 1872 in reports of Mississippi River Commission.

REVISED RECORDS.--WSP 1211: Drainage area. WSP 1241: 1929-36.

GAGE.--Wire-weight gage read twice daily. Datum of gage is 44.26 ft National Geodetic Vertical Datum of 1929 or 44.18 ft above mean Gulf level, Mississippi River Commission datum (levels by Corps of Engineers). Prior to July 14, 1934, nonrecording gage at same site and datum.

REMARKS.--Regulation by Lake Texoma, Millwood Reservoir, and Texarkana Reservoir. See Red River near Hosston (station 07344400).

COOPERATION.--Gage-height record and computations of daily discharge furnished by Corps of Engineers.

AVERAGE DISCHARGE.--55 years (water years 1929-83) 30,940 ft^3/s, 22,420,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 233,000 ft^3/s Apr. 17, 1945, gage height, 45.23 ft; minimum, 873 ft^3/s Oct. 30, 1956, gage height, -3.01 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 210,000 ft^3/s was measured July 2, 1908, gage height, 41.6 ft.

EXTREMES FOR CURRENT YEAR.--Water Year 1983: Maximum daily discharge, 129,000 ft^3/s Jan. 3; minimum daily, 2,950 ft^3/s Oct. 6, 29, 30.

NOTE.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3440	4200	34200	125000	39500	87200	41800	24500	99000	17000	15000	5600
2	4600	4600	51600	128000	49000	81800	42600	25200	96200	16200	13300	5600
3	3100	4600	56100	129000	51100	76500	43800	23000	90400	16000	12800	5700
4	3000	4860	62700	128000	51100	71400	43800	21500	84000	19000	12400	5800
5	3000	5000	68100	123000	51500	68800	43400	19500	77500	38700	11900	5600
6	2950	5130	81700	118000	59800	68300	45000	18400	72400	49400	11400	5200
7	3000	5370	91900	113000	73900	67800	45800	17600	65700	50700	11400	5500
8	3210	5630	97800	107000	80700	68300	43800	17300	57500	47400	11300	5800
9	3000	6180	102000	98500	80700	72400	38700	19800	49000	44200	11400	5100
10	3440	7100	105000	92700	80200	75900	35200	28800	47000	43400	10000	5000
11	4060	10000	105000	88800	83400	76500	32400	32700	44600	44200	9000	5400
12	4330	11200	104000	85600	86100	73900	30600	34100	43000	45800	8200	6300
13	5130	10400	104000	81800	85600	70900	30300	33400	41400	43800	7600	6700
14	6940	9240	104000	78600	83400	66800	34800	31300	39100	40700	7200	6400
15	6630	7940	102000	74400	80700	62200	34800	28300	34800	38300	6700	5800
16	5770	6780	105000	69300	76500	58000	30600	33100	30300	35900	6400	5500
17	5130	6180	107000	63200	70900	54400	26700	35900	27000	33400	6300	5300
18	4730	7100	108000	56700	64200	52400	24200	34100	23900	32700	5800	5200
19	4860	7770	106000	51100	58400	50300	22700	36200	21800	32400	5500	5400
20	5000	9430	102000	48200	53600	48600	21500	49400	20600	33100	5900	5600
21	4860	8470	97000	47400	49400	44200	20400	79100	19000	32000	5600	5700
22	4730	8660	91900	45000	51100	39900	20100	95000	18400	30600	5800	5200
23	3930	8120	85000	42200	61800	36600	20900	103000	19500	30600	5800	4800
24	3560	8300	78300	39500	69300	41400	22100	109000	19300	30600	5800	4600
25	3440	8850	71700	38000	73900	45000	22700	112000	18400	28600	5900	4500
26	3440	8470	79400	36900	85600	45000	22700	114000	17000	25400	6000	4500
27	3210	9240	99400	35500	91000	45000	22400	113000	16500	23600	6000	4300
28	3000	18500	121000	34100	91000	45400	21500	112000	17300	22700	6000	4200
29	2950	24000	126000	33100	---	45000	21500	108000	17600	21200	6000	4200
30	2950	22500	125000	32400	---	44200	23300	106000	17300	19000	5900	4200
31	3440	---	125000	30600	---	42600	---	102000	---	17000	5700	---
TOTAL	124830	263820	2897800	2274600	1933400	1826700	930100	1717200	1246000	1003600	254000	158700
MEAN	4027	8794	93480	73370	69050	58930	31000	55390	41530	32370	8194	5290
MAX	6940	24000	126000	129000	91000	87200	45800	114000	99000	50700	15000	6700
MIN	2950	4200	34200	30600	39500	36600	20100	17300	16500	16000	5500	4200
AC-FT	247600	523300	5748000	4512000	3835000	3623000	1845000	3406000	2471000	1991000	503800	314800

CAL YR 1982 TOTAL 12561880 MEAN 34420 MAX 126000 MIN 2950 AC-FT 24920000
WTR YR 1983 TOTAL 14630750 MEAN 40080 MAX 129000 MIN 2950 AC-FT 29020000

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.40	-.80	11.30	29.40	12.80	23.00	13.40	8.40	25.10	5.80	5.00	-.40
2	-.50	-.50	15.90	29.80	15.20	22.00	13.60	8.30	24.60	5.50	4.30	-.40
3	-1.70	-.50	16.90	30.00	15.70	21.00	13.90	7.90	23.60	5.40	4.10	-.30
4	-1.80	-.30	18.30	29.80	15.70	20.00	13.90	7.40	22.40	6.50	3.90	-.20
5	-1.80	-.20	19.40	29.10	15.80	19.50	13.80	6.70	21.20	12.60	3.70	-.40
6	-1.90	-.10	21.90	28.30	17.70	19.40	14.20	6.30	20.20	15.30	3.50	-.80
7	-1.80	.00	23.70	27.40	20.50	19.30	14.40	6.00	18.90	15.60	3.50	-.50
8	-1.60	.20	24.70	26.40	21.80	19.40	13.90	5.90	17.20	14.80	3.40	-.20
9	-1.80	.60	25.50	25.00	21.80	20.20	12.60	6.60	15.20	14.00	3.50	-.90
10	-1.40	1.20	25.90	24.00	21.70	20.90	11.60	9.60	14.70	13.80	2.70	-1.00
11	-.90	2.80	25.90	23.30	22.30	21.00	10.80	10.90	14.10	14.00	2.10	-.60
12	-.70	3.40	25.80	22.70	22.80	20.50	10.30	11.30	13.70	14.40	1.60	.20
13	-.10	3.00	25.80	22.00	22.70	19.90	10.20	11.10	13.30	13.90	1.20	.50
14	1.10	2.40	25.70	21.40	22.30	19.10	11.50	10.50	12.70	13.10	.90	.30
15	.90	1.70	25.40	20.60	21.80	18.20	11.50	9.60	11.50	12.50	.50	-.02
16	.30	1.00	25.90	19.60	21.00	17.30	10.30	11.00	10.20	11.80	.30	-.50
17	-.10	.60	26.30	18.40	19.90	16.50	9.10	11.80	9.20	11.00	.20	-.70
18	-.40	1.20	26.40	17.00	18.60	16.00	8.30	11.30	8.20	10.90	-.20	-.80
19	-.30	1.60	26.10	15.70	17.40	15.50	7.80	11.90	7.50	10.80	-.50	-.60
20	-.20	2.50	25.50	15.00	16.30	15.10	7.40	15.30	7.10	11.00	-.10	-.40
21	-.30	2.00	24.60	14.80	15.30	14.00	7.00	21.50	6.50	10.70	-.40	-.30
22	-.40	2.10	23.70	14.20	15.70	12.90	6.90	24.40	6.30	10.30	-.20	-.80
23	-1.00	1.80	22.50	13.50	18.10	12.10	7.20	25.80	6.70	10.30	-.20	-1.20
24	-1.30	1.90	21.30	12.80	19.60	13.30	7.60	26.70	6.80	10.30	-.20	-1.40
25	-1.40	2.20	20.10	12.40	20.50	14.20	7.80	27.20	6.30	9.70	-.10	-1.50
26	-1.40	2.00	21.50	12.10	22.70	14.20	7.80	27.60	5.80	8.70	.00	-1.50
27	-1.60	2.40	25.00	11.70	23.70	14.20	7.70	27.50	5.60	8.10	.00	-1.70
28	-1.80	6.40	28.40	11.30	23.70	14.30	7.40	27.30	5.90	7.80	.00	-1.90
29	-1.90	8.20	29.20	11.00	---	14.20	7.40	26.60	6.00	7.30	.00	-1.90
30	-1.90	7.70	29.10	10.80	---	14.00	8.00	26.20	5.90	6.50	-.10	-1.90
31	-1.40	---	29.10	10.30	---	13.60	---	25.60	---	5.80	-.30	---
MAX	1.10	8.20	29.20	30.00	23.70	23.00	14.40	27.60	25.10	15.60	5.00	.50
MIN	-1.90	-.80	11.30	10.30	12.80	12.10	6.90	5.90	5.60	5.40	-.50	-1.90

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1947, 1952-62, 1969, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1952 to September 1963, June 1973 to September 1981.
WATER TEMPERATURES: October 1952 to September 1963, June 1973 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1982.

COOPERATION.--Samples for daily chloride collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment-discharge records computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 04600.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 2,020 micromhos Oct.8, 1956; minimum daily, 133 micromhos June 24, 1953.
WATER TEMPERATURES: Maximum daily, 34.0°C Aug. 2, 8, 10, 1956; minimum daily, 0.0°C Dec. 24, 25, 1983.
CHLORIDE: Maximum daily, 420 mg/L Oct. 12, 1978; minimum daily, 8.6 mg/L Apr. 7, 1977.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,495,000 tons Dec. 9, 1973; minimum daily, 1,000 tons Oct. 10-22, 1972, Oct. 1 to Nov. 7, 1978, Sept. 27-30, Oct. 1-4, 1980, Jan. 30-31, Apr. 24-25, Oct. 1-6, 1981.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 29.0°C Aug. 19; minimum daily, 0.0°C Dec. 24, 25.
CHLORIDE: Maximum daily, 250 mg/L Nov. 8; minimum daily, 15 mg/L Mar. 8.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 18...	0945	956	7.7	21.5	15	14	8.8	4.2	310	K250
JAN 17...	1500	540	7.2	4.0	50	65	11.3	2.0	350	3500
APR 09...	1515	274	7.7	18.0	80	74	9.4	3.6	--	320
JUL 09...	1500	1010	8.4	32.0	15	22	8.1	3.9	K76	84

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 18...	250	68	20	95	3.8	159	99	140	.3
JAN 17...	140	36	11	53	3.0	88	56	80	.2
APR 09...	70	21	4.2	25	2.2	50	29	33	.1
JUL 09...	230	59	20	110	3.9	135	120	170	.2

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 18...	8.7	540	533	<.10	.07	1.2	.12	.03	.02
JAN 17...	8.2	318	300	.30	.25	.9	.10	.04	.02
APR 09...	6.9	174	151	.25	.07	1.4	.12	.04	<.01
JUL 09...	.2	613	565	<.10	.05	1.7	.06	.01	<.01

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
18...	10	1	330	<.5	<1	<1	3	2	7	1
JAN										
17...	40	1	120	<.5	<1	<1	<3	3	100	2
APR										
09...	30	1	72	<.5	<1	<1	<3	2	200	4
JUL										
09...	50	2	190	<.5	<1	<1	<3	1	8	<1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
18...	25	420	.1	<10	1	<1	3	1400	<6	14
JAN										
17...	<4	30	.5	<10	1	<1	2	360	<6	7
APR										
09...	<4	10	.2	<10	4	<1	<1	160	<6	8
JUL										
09...	16	5	.3	<10	2	<1	1	680	<6	<3

DATE	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM NATURAL DISSOLVED (UG/L AS U)
JAN								
17...	<7.8	<6.7	6.6	<7.9	5.7	<7.2	.20	1.2
JUL								
09...	<14	1.7	<8.7	2.0	<7.5	1.7	.14	1.5

DATE	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT		
18...	52	77
JAN		
17...	244	68
APR		
09...	596	72
JUL		
09...	113	86

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07355500 RED RIVER AT ALEXANDRIA, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.0	18.0	11.5	.5	7.0	10.0	14.0	22.0	20.0	27.0	26.0	26.0
2	21.5	19.0	13.0	3.0	8.0	11.0	16.0	22.0	21.0	26.0	27.0	25.0
3	22.0	18.5	18.0	2.0	11.0	12.0	16.0	23.0	23.0	25.0	27.0	26.0
4	22.0	19.5	13.0	3.0	6.0	12.0	15.0	22.0	23.0	25.0	27.0	25.0
5	24.0	18.5	13.5	4.5	7.0	13.0	15.0	26.0	25.0	27.0	26.0	22.0
6	21.0	16.5	11.0	4.0	6.0	12.0	15.0	25.0	24.0	26.0	25.0	22.0
7	20.5	16.5	9.5	5.0	6.0	11.0	16.0	27.0	26.0	27.0	27.0	23.0
8	21.0	17.0	10.0	5.0	8.0	12.0	17.0	23.0	24.0	27.0	25.0	24.0
9	21.0	16.0	11.0	10.0	10.0	12.0	16.0	20.0	24.0	26.0	25.0	25.0
10	21.5	13.0	13.5	10.0	10.0	12.0	17.0	21.0	25.0	27.0	25.0	25.0
11	22.0	13.5	15.5	4.5	14.0	12.0	18.0	20.0	25.0	26.0	26.0	25.0
12	20.5	11.0	7.0	4.5	14.0	12.0	19.0	20.0	24.0	27.0	26.0	25.0
13	16.5	13.5	10.5	5.5	12.0	13.0	18.0	20.0	26.0	28.0	26.0	25.0
14	16.5	15.5	9.5	6.0	12.0	13.0	18.0	22.0	26.0	27.0	27.0	26.0
15	16.5	14.0	7.0	4.5	13.0	17.0	15.0	23.0	26.0	27.0	27.0	26.0
16	20.0	13.0	8.0	4.5	14.0	18.0	15.0	20.0	26.0	27.0	27.0	21.0
17	20.5	12.0	7.0	4.0	13.0	18.0	15.0	23.0	26.0	28.0	28.0	20.0
18	21.0	14.0	8.0	4.5	15.0	18.0	15.0	24.0	25.0	27.0	28.0	22.0
19	21.0	17.0	5.5	2.0	14.0	14.0	14.0	27.0	27.0	26.0	29.0	22.0
20	22.0	18.5	4.5	1.0	11.0	14.0	19.0	27.0	27.0	26.0	28.0	22.0
21	23.0	13.0	6.5	3.0	11.0	15.0	22.0	27.0	27.0	25.0	27.0	22.0
22	20.5	18.0	2.0	3.0	7.0	15.0	19.0	27.0	27.0	27.0	27.0	25.0
23	19.0	16.5	1.5	7.0	10.0	17.0	17.0	28.0	28.0	27.0	27.0	26.0
24	18.5	13.0	.0	10.0	13.0	17.0	17.0	28.0	28.0	25.0	27.0	24.0
25	16.0	11.5	.0	8.0	11.0	14.0	17.0	25.0	28.0	27.0	25.0	24.0
26	14.5	12.0	1.0	6.5	12.0	15.0	22.0	23.0	28.0	28.0	26.0	23.0
27	15.0	14.0	1.0	6.5	11.0	16.0	22.0	---	28.0	27.0	26.0	19.0
28	14.5	9.5	2.0	8.0	9.0	17.0	22.0	25.0	27.0	27.0	27.0	20.0
29	14.5	11.0	.5	8.0	10.0	14.0	23.0	23.0	27.0	26.0	27.0	18.0
30	15.5	11.0	.5	10.5	---	12.0	22.0	---	26.0	25.0	27.0	17.0
31	18.0	---	.5	8.0	---	14.0	---	23.0	---	26.0	26.0	---
MAX	24.0	19.5	18.0	10.5	15.0	18.0	23.0	28.0	28.0	28.0	29.0	26.0
MIN	14.5	9.5	.0	.5	6.0	10.0	14.0	20.0	20.0	25.0	25.0	17.0

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	70	41	48	54	40	48	68	50	210	190	130
2	110	210	44	50	78	45	37	58	48	210	200	140
3	110	240	44	47	77	43	25	45	72	210	190	140
4	96	230	44	50	82	42	27	38	70	180	190	150
5	100	220	---	62	69	41	25	32	60	200	180	200
6	120	220	60	63	67	33	31	30	55	190	190	190
7	140	240	44	70	70	20	30	64	36	200	130	180
8	120	250	46	74	63	15	34	43	31	190	110	190
9	130	240	46	68	64	20	37	34	41	160	110	200
10	150	240	43	66	70	18	36	26	76	160	110	210
11	130	220	55	71	69	19	36	20	49	150	110	220
12	130	200	42	72	38	21	34	19	46	170	100	180
13	130	200	44	67	30	28	43	23	34	160	150	190
14	140	170	36	67	22	32	44	28	38	180	160	200
15	150	220	55	63	19	34	42	37	34	190	120	190
16	150	220	47	72	21	31	42	34	52	140	130	200
17	160	210	45	74	22	27	48	33	56	140	150	200
18	140	210	44	72	34	58	57	30	73	150	160	210
19	140	150	46	64	34	71	63	31	79	140	140	220
20	160	210	47	52	37	40	70	31	83	140	130	210
21	170	170	43	50	21	25	54	44	91	160	130	200
22	170	170	45	43	24	30	44	43	100	140	130	130
23	160	160	40	42	22	36	51	37	110	130	110	130
24	160	140	37	39	24	41	59	36	110	140	120	120
25	160	140	42	46	21	40	72	38	110	150	130	100
26	30	150	42	50	27	52	55	39	120	170	120	120
27	110	140	42	45	21	54	64	39	130	160	120	120
28	120	130	47	40	23	53	86	63	150	150	140	110
29	120	91	37	35	34	54	86	62	150	150	150	110
30	98	110	38	38	---	59	62	66	150	140	170	100
31	60	---	40	40	---	51	---	51	---	170	140	---
MAX	170	250	220	74	82	71	86	68	150	210	200	220
MIN	30	70	36	35	19	15	25	19	31	130	100	100

07355510 RED RIVER NEAR ALEXANDRIA, LA

LOCATION.--Lat 31°16'46", long 92°24'05", in E1/4 sec.6, T.3 N., R.1 E., Rapides Parish, Hydrologic Unit 08040301, near right bank, 1.7 mi southeast of Alexandria, and at mi 101.0.

DRAINAGE AREA.--67,500 mi^2, approximately, of which 5936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1983 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 11...	1600	988	7.5	24.0	5	5.0	9.8	35	8.0	620	480	210
NOV 01...	1230	635	7.3	19.5	10	150	6.0	17	3.3	1000	K80	K2800
DEC 05...	1315	555	7.3	14.5	60	160	8.7	15	2.1	2800	580	5200
JAN 18...	1045	491	7.2	4.5	40	45	12.5	20	2.2	7800	200	6600
FEB 21...	1700	193	7.4	12.5	100	160	8.8	17	3.4	550	K75	6500
MAR 21...	1230	281	7.8	15.5	80	230	8.2	13	1.8	1400	K50	4600
APR 03...	1300	254	7.5	16.0	100	240	8.7	<10	2.5	3500	780	1400
MAY 08...	1220	321	7.5	22.5	60	330	7.2	13	2.2	4200	400	140
JUN 05...	1310	462	7.7	28.5	15	45	8.4	22	1.5	K50	K10	K28
JUL 05...	1225	1160	8.3	29.0	10	9.0	8.9	16	3.8	270	K85	K15
AUG 13...	1345	1010	8.2	28.0	15	15	8.7	11	--	680	100	K55
SEP 10...	1315	1270	8.0	29.5	10	15	8.6	12	4.6	K22000	K8200	--

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT 11...	260	71	21	212	84	130	585
NOV 01...	170	47	13	163	--	--	350
DEC 05...	110	26	10	65	--	--	311
JAN 18...	120	32	9.5	80	50	69	288
FEB 21...	49	14	3.5	37	--	--	112
MAR 21...	73	22	4.5	67	25	28	163
APR 03...	66	20	3.9	66	22	23	134
MAY 08...	87	26	5.4	74	29	35	208
JUN 05...	130	37	9.0	103	53	66	266
JUL 05...	270	69	23	155	130	180	724
AUG 13...	260	68	22	172	100	160	721
SEP 10...	300	77	25	181	130	220	798

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07355510 RED RIVER NEAR ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 11...	5	<.01	.2	1.8	.11	<.01	7.6
NOV 01...	345	.02	.1	.9	.25	.07	10
DEC 05...	414	.04	.4	.8	.14	.11	13
JAN 18...	55	.03	.3	1.0	.16	.08	9.2
FEB 21...	296	.05	.2	.6	.18	.09	11
MAR 21...	354	.07	.4	.4	.16	.11	13
APR 03...	106	.08	.3	.6	.28	.12	10
MAY 08...	800	.05	.4	5.6	.08	.07	8.3
JUN 05...	100	.02	<.1	1.4	.08	.07	5.1
JUL 05...	28	.01	<.1	1.3	.11	.05	6.0
AUG 13...	58	.03	<.1	1.3	.15	.05	5.6
SEP 10...	73	<.01	<.1	1.3	.10	.06	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)
OCT 11...	2	<10	1	10	2	420	1	220	<.1	1	<1
JAN 18...	2	<10	2	10	6	3000	2	70	.1	6	<1
APR 03...	3	<10	<1	20	16	15000	14	440	<.1	20	<1
JUL 05...	1	<10	1	<10	3	430	<1	110	.4	1	<1

DATE	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT 11...	10	<.01	12	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN 18...	20	<.01	6	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR 03...	60	<.01	--	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL 05...	<10	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

07355510 RED RIVER NEAR ALEXANDRIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT 11...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN 18...	.01	.010	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR 03...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL 05...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 11...	<.01	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01
JAN 18...	<.01	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01
APR 03...	<.01	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01
JUL 05...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07355600 RED RIVER AT MONCLA, LA (CE 04657)

LOCATION.--Lat 31°12'10", long 92°08'30", T.3 N., R.3 W., Avoyelles Parish, Hydrologic Unit 08040301, near center of span on downstream side of bridge on State Highway 115, 1.4 mi west of Moncla, and at mile 74.0.

DRAINAGE AREA.--67,625 mi^2, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--Water years 1971, 1973 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 11...	1200	1030	7.8	25.0	5	4.0	8.7	18	7.3	9600	440	K100
NOV 01...	1140	487	7.4	19.5	10	65	8.2	23	2.3	K700	200	5200
DEC 05...	1230	577	7.3	14.0	60	160	8.7	31	2.5	2900	580	8100
JAN 18...	1200	541	7.4	4.5	40	60	12.2	19	3.0	7000	K80	2600
FEB 21...	1500	202	7.3	13.0	100	180	8.8	26	2.0	1200	--	900
MAR 21...	1045	277	7.5	16.0	60	24	8.1	17	2.1	K3000	K47	4600
APR 03...	1115	264	7.4	16.5	60	230	8.9	<10	2.9	4300	680	1600
MAY 08...	1015	532	7.6	22.0	50	310	6.9	12	1.7	K2200	92	92
JUN 05...	1100	571	7.8	26.5	20	25	8.2	22	.7	K40	K4	K16
JUL 05...	1050	1130	8.4	29.0	10	15	8.9	18	3.0	K60	<4	150
AUG 13...	1130	839	8.1	27.5	10	20	7.6	--	--	K170	84	K80
SEP 10...	1215	1250	8.4	29.0	10	20	8.6	28	3.6	3300	180	--

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT 11...	290	77	23	223	87	130	596
NOV 01...	130	35	10	123	--	--	273
DEC 05...	120	31	11	67	--	--	320
JAN 18...	130	35	11	87	55	78	317
FEB 21...	54	15	4.0	42	--	--	125
MAR 21...	70	21	4.3	69	22	24	152
APR 03...	69	21	4.1	61	24	26	140
MAY 08...	130	37	8.2	85	58	75	327
JUN 05...	160	45	11	109	66	86	345
JUL 05...	270	70	23	162	130	180	707
AUG 13...	210	56	17	157	75	110	485
SEP 10...	290	76	24	184	130	200	759

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07355600 RED RIVER AT MONCLA, LA (CE 04657)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT							
11...	<1	.02	<.1	.9	.09	.07	6.7
NOV							
01...	129	.02	<.1	1.2	.30	.07	6.4
DEC							
05...	266	.04	.3	.3	.12	.10	12
JAN							
18...	78	.03	.3	1.5	.13	.08	9.2
FEB							
21...	408	.06	.2	.7	.22	.11	11
MAR							
21...	212	.06	.4	.6	.24	.08	11
APR							
03...	118	.11	.4	.7	.84	.16	10
MAY							
08...	756	.02	.3	4.9	.04	.04	7.2
JUN							
05...	44	.01	<.1	1.0	.05	.04	5.4
JUL							
05...	70	.01	<.1	.8	.11	.05	5.9
AUG							
13...	61	<.01	<.1	1.1	.18	.07	5.4
SEP							
10...	54	<.01	<.1	.7	--	.02	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)
OCT											
11...	2	<10	1	10	83	530	32	230	<.1	50	<1
JAN											
18...	2	<10	1	10	6	3200	4	80	<.1	6	<1
APR											
03...	3	10	<1	20	19	14000	14	380	.1	18	<1
JUL											
05...	1	<10	1	<10	3	870	4	120	.2	1	<1

DATE	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT											
11...	230	<.01	9	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN											
18...	20	<.01	12	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR											
03...	60	<.01	<1	17	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL											
05...	10	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07355600 RED RIVER AT MONCLA, LA (CE 04657)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT											
11...	.02	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN											
18...	.01	.007	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR											
03...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL											
05...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
11...	<.01	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01
JAN										
18...	<.01	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01
APR										
03...	<.01	<.01	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01
JUL										
05...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

073556005 RED RIVER (AT LOCK AND DAM 1) NEAR VICK, LA

LOCATION.--Lat 31°15'00", long 91°56'17", in SW1/4 sec.11, T.3 N., R.5 E., Avoyelles Parish, Hydrologic Unit 08040301, near right bank, 10.1 mi east of Vick, and at mile 50.0.

DRAINAGE AREA.--67,700 mi^2, approximately, of which 5,936 mi^2 above Denison Dam is noncontributing.

PERIOD OF RECORD.--October 1983 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT												
11...	1330	1180	7.4	24.0	5	10	9.8	18	8.1	9200	420	160
NOV												
01...	1000	690	7.6	19.5	10	30	8.7	13	2.4	K160	100	4000
DEC												
05...	1140	581	7.1	15.0	40	200	8.8	28	2.4	2600	940	7300
JAN												
18...	1430	547	7.3	4.5	50	55	12.2	16	2.6	5800	K100	K22000
FEB												
21...	1350	209	7.4	13.5	120	210	8.6	12	1.7	1000	40	5200
MAR												
21...	0945	282	7.5	16.0	80	230	8.2	20	2.0	1700	K29	5500
APR												
03...	1000	293	7.5	15.5	50	240	8.8	--	2.6	3400	640	4100
MAY												
08...	0945	513	7.5	23.5	40	250	7.1	13	1.8	K2000	K280	640
JUN												
05...	1015	438	7.8	26.5	20	30	7.9	18	1.0	K40	K20	220
JUL												
05...	0940	1140	8.2	29.5	10	20	8.1	12	2.7	K20	K8	K4
AUG												
13...	1030	848	7.9	27.5	15	35	6.5	<10	--	K230	110	100
SEP												
10...	1100	1170	8.2	29.0	10	10	8.0	12	3.2	620	K4	--

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT							
11...	290	80	23	234	80	170	646
NOV							
01...	180	49	14	162	--	--	380
DEC							
05...	120	31	11	60	--	--	341
JAN							
18...	140	37	11	89	55	78	313
FEB							
21...	53	15	3.8	41	--	--	127
MAR							
21...	74	22	4.7	60	25	28	162
APR							
03...	76	23	4.6	67	27	31	157
MAY							
08...	130	39	8.4	87	58	74	322
JUN							
05...	120	34	8.2	93	53	66	245
JUL							
05...	270	73	22	161	130	190	702
AUG							
13...	210	56	17	163	77	110	458
SEP							
10...	280	73	23	188	120	190	694

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

073556005 RED RIVER (AT LOCK AND DAM 1) NEAR VICK, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT							
11...	<1	.02	<.1	.8	.12	.05	6.3
NOV							
01...	87	.02	<.1	1.4	.17	.08	7.9
DEC							
05...	278	.04	.3	1.1	.15	.13	11
JAN							
18...	102	.03	.3	.8	.15	.06	9.2
FEB							
21...	415	.06	.2	1.1	.21	.11	11
MAR							
21...	118	.05	.4	.5	.19	.12	12
APR							
03...	132	.11	.4	.7	1.1	.15	14
MAY							
08...	618	.03	.3	2.8	.05	.05	9.8
JUN							
05...	44	.02	<.1	1.2	.06	.05	5.4
JUL							
05...	66	<.01	<.1	.8	.08	.03	5.5
AUG							
13...	86	.02	<.1	1.6	.12	.09	5.4
SEP							
10...	15	<.01	<.1	1.1	.05	.04	--

DATE	ARSENIC TOTAL (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)
OCT											
11...	2	<10	1	20	3	970	3	270	<.1	3	7
JAN											
18...	2	<10	1	20	5	3100	3	70	<.1	4	<1
APR											
03...	2	<10	<1	20	17	16000	15	430	.1	20	<1
JUL											
05...	2	<10	1	10	5	1300	4	140	.4	2	<1

DATE	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)
OCT											
11...	10	<.01	9	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JAN											
[illegible]8...	10	<.01	9	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
APR											
03...	70	<.01	12	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001
JUL											
05...	20	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001

< Actual value is known to be less than the value shown.

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073556005 RED RIVER (AT LOCK AND DAM 1) NEAR VICK, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)
OCT											
11...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JAN											
18...	.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
APR											
03...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01
JUL											
05...	<.01	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01

DATE	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
11...	<.01	<.01	<.01	<.1	<1	<.01	<.01	<.01	.01	<.01
JAN										
18...	<.01	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01
APR										
03...	<.01	<.01	<.01	<.1	<1	<.01	.09	<.01	<.01	<.01
JUL										
05...	<.01	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07355601 RED RIVER NEAR SIMMESPORT, LA
(National stream-quality accounting network station)

LOCATION.--Lat 31 08'01", long 91 43'09", in sec.24, T.2 N., R.7 E., St. Helena Meridian, Avoyelles-Concordia Parish line, Hydrologic Unit 08040301, 8.2 mi northwest of Old River Control Structure, 11.5 mi north-northeast of Simmesport, and at mile 16.0.

DRAINAGE AREA.--93,163 mi .

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1978 to September 1981.
WATER TEMPERATURES: April 1978 to September 1979, October 1980 to September 1981.

COOPERATION.--Discharge records furnished by the Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 1,520 micromhos June 30, 1978; minimum daily, 104 micromhos Feb. 13-15, 1979.
WATER TEMPERATURES: Maximum daily, 35.0 C July 3, 6, 1979; minimum daily, 5.0 C Jan. 9, 14, 1979.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
19...	1130	50900	1020	7.4	23.0	10	3.9	8.2	3.1	K3	6200
DEC											
14...	1030	262000	214	6.6	13.0	80	150	8.4	3.3	350	2600
FEB											
29...	1030	214000	132	6.6	11.5	120	100	8.5	1.6	290	1100
APR											
26...	1230	--	191	7.4	20.0	100	70	7.0	1.3	K16	K48
JUN											
06...	1100	426000	172	7.3	25.0	80	45	6.0	2.0	K6	K20
AUG											
08...	1300	133000	637	7.8	28.5	5	5.0	6.9	1.9	K20	K20

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT									
19...	260	68	21	100	4.0	191	72	160	.3
DEC									
14...	50	14	3.7	20	2.6	29	20	29	<.1
FEB									
29...	31	8.9	2.2	12	1.9	22	11	18	<.1
APR									
26...	48	14	3.1	17	2.0	33	18	24	.1
JUN									
06...	42	12	3.0	14	2.2	31	15	27	.1
AUG									
08...	140	36	12	67	3.4	79	59	100	.2

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
19...	7.8	600	548	.11	<.01	.9	.12	.04	.02
DEC									
14...	5.9	127	112	.29	.12	1.0	.15	--	.06
FEB									
29...	6.0	91	73	.15	.10	1.0	.11	.03	.02
APR									
26...	8.6	126	107	.16	.40	2.4	.08	--	.04
JUN									
06...	5.1	117	97	.14	<.01	1.4	.13	.04	.02
AUG									
08...	5.1	404	330	.29	.24	2.7	.11	.08	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07355601 RED RIVER NEAR SIMMESPORT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 19...	<10	2	230	<.5	1	<1	<3	4	15	2
DEC 14...	90	1	68	<.5	<1	<1	<3	4	130	<1
APR 26...	110	1	59	<1	<1	<1	<3	8	630	2
AUG 08...	--	--	140	<1	<1	--	<3	--	16	--

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 19...	19	25	<.1	<10	2	<1	<1	630	<6	12
DEC 14...	<4	15	<.1	<10	1	<1	<1	130	<6	18
APR 26...	5	21	.3	<10	1	<1	<1	130	<6	15
AUG 08...	11	110	--	<10	--	--	--	410	<6	13

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 19...	48	6600	77
DEC 14...	350	248000	84
FEB 29...	183	106000	87
APR 26...	80	--	98
JUN 06...	41	47200	93
AUG 08...	40	14400	97

< Actual value is known to be less than the value shown.

07355650 LARTO LAKE AT DAM, NEAR ACME, LA

LOCATION.--Lat 31°20'01", long 91°56'10", in SW1/4 sec.11, T.4 N., R.5 E., Catahoula Parish, Hydrologic Unit 08040301, at dam 3.0 mi west of Argo, 4.2 mi upstream from mouth of Larto Bayou, and 7.7 mi northwest of Acme.

DRAINAGE AREA.--291 mi^2.

PERIOD OF RECORD.--December 1968 to September 1976 (gage heights only), October 1976 to September 1977 and December 1978 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1976, at datum 33.00 ft higher.

REMARKS.--Reservoir is formed from a natural oxbow lake by an earthfill dam, completed in 1959. The dam consists of a 57-ft concrete spillway and a 10-ft wide timber gate. The crest of the dam is at an elevation of 45.45 ft, and the invert of the spillway is at 36.95 ft. The capacity at elevation of 36.95 ft is estimated to be 15,000 acre-ft. Outflow between elevation of 30.95 ft and 36.95 ft is regulated by the timber gate. Lake is used for recreation. No elevations recorded below 34.05 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 59.26 ft present datum, from floodmark, occurred during period May 14-18, 1973; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 42.91 ft May 29; minimum, 34.20 ft Nov. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.63	34.36	---	37.90	37.72	38.25	38.63	41.23	42.74	36.32	34.64	35.26
2	34.61	34.35	---	37.84	37.66	38.15	38.79	41.05	42.62	36.23	34.59	35.25
3	34.59	34.35	---	37.78	37.68	38.04	39.77	40.81	42.42	36.11	34.59	35.21
4	34.56	34.34	---	37.72	37.62	37.92	40.36	40.56	42.14	36.04	34.58	35.25
5	34.64	34.47	---	37.69	37.59	38.00	40.68	40.30	41.85	35.96	34.58	35.19
6	34.56	34.45	---	37.64	37.55	38.81	40.91	40.08	41.52	35.85	34.57	35.19
7	34.52	34.62	---	37.59	37.49	39.47	40.96	40.23	42.26	35.76	34.59	35.17
8	34.52	34.61	---	37.56	37.46	40.01	41.00	41.02	42.39	35.71	34.61	35.15
9	34.52	34.59	---	37.53	37.43	40.43	41.19	41.51	42.06	35.70	34.62	35.13
10	34.50	34.63	---	37.84	37.45	40.71	41.35	41.84	41.49	35.63	34.65	35.10
11	34.48	34.63	---	37.98	37.44	40.98	41.52	42.02	40.91	35.54	34.68	35.09
12	34.48	34.54	---	38.03	37.65	41.23	41.72	42.08	40.35	35.47	34.68	35.07
13	34.48	34.56	37.99	38.05	38.64	41.43	41.93	42.02	39.82	35.47	34.83	35.08
14	34.44	34.54	38.04	37.99	39.21	41.58	42.09	41.98	39.33	35.41	34.88	35.08
15	34.42	34.64	38.00	37.99	39.14	41.67	42.22	41.97	38.88	35.37	34.86	35.10
16	34.42	34.59	37.93	38.00	39.12	41.68	42.36	41.98	38.58	35.31	34.92	35.02
17	34.42	34.53	37.93	37.99	39.08	41.60	42.44	41.98	38.31	35.23	34.92	34.99
18	34.41	34.48	37.92	38.02	38.98	41.59	42.43	41.97	38.08	35.15	34.91	34.96
19	34.39	34.40	37.90	38.03	38.84	41.58	42.42	41.93	37.88	35.11	34.89	34.97
20	34.39	34.93	37.82	37.96	38.64	41.51	42.37	42.01	37.69	35.01	34.89	34.94
21	34.36	34.98	37.74	37.92	38.48	41.25	42.30	42.02	37.54	34.93	34.91	34.93
22	34.53	34.97	37.90	37.84	38.32	40.90	42.23	42.14	37.38	34.86	34.88	34.93
23	34.49	---	37.87	37.81	38.17	40.49	42.11	42.28	37.24	34.80	34.89	34.95
24	34.45	---	37.95	37.98	38.07	40.12	41.97	42.38	37.09	34.73	35.31	34.96
25	34.47	---	37.84	38.05	37.95	39.73	41.84	42.45	36.95	34.68	35.32	34.95
26	34.45	---	37.72	38.05	37.86	39.32	41.69	42.52	36.81	34.69	35.32	34.97
27	34.41	---	37.72	38.03	38.26	39.02	41.54	42.70	36.69	34.66	35.30	34.94
28	34.39	---	37.92	37.98	38.39	38.83	41.44	42.78	36.61	34.65	35.26	34.95
29	34.39	---	38.03	37.91	38.37	38.61	41.36	42.87	36.49	34.71	35.25	34.95
30	34.38	---	38.00	37.90	---	38.45	41.35	42.87	36.41	34.68	35.23	34.89
31	34.37	---	37.95	37.78	---	38.46	---	42.81	---	34.65	35.27	---
MAX	34.64	---	38.04	38.05	39.21	41.68	42.44	42.87	42.74	36.32	35.32	35.26
MIN	34.36	34.34	---	37.53	37.43	37.92	38.63	40.08	36.41	34.65	34.57	34.89

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07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 33°01'52", long 92°05'16", in SE1/4NE1/4 sec.25, T.19 S., R.10 W., Union County, Hydrologic Unit 08040202, on right bank 500 ft below lock and dam No. 6, 1.6 mi north of Arkansas-Louisiana State line, 3.5 mi downstream from Missouri Pacific Railroad Co. bridge, and 4.5 mi southeast of Felsenthal, Ark.

DRAINAGE AREA.--10,787 mi^2.

PERIOD OF RECORD.--April 1958 to current year (daily gage heights and daily discharges below 19.0 ft stage only). Gage-height record for some periods collected at same site since 1912 are contained in reports of Corps of Engineers, Vicksburg district.

REVISED RECORDS.--WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 44.09 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Aug. 26, 1958, nonrecording gage at same site and datum. Water-stage recorder for Ouachita River at Sterlington (station 07364535) used as auxiliary gage for this station. Prior to Oct. 1, 1980, water-stage recorder for Ouachita River at Alabama Landing near Haile (station 07364103) was used as auxiliary gage for this station.

REMARKS.--Records fair. Discharge computed for stages below bankfull, about 19 ft. Considerable regulation by 5 reservoirs in Arkansas, combined capacity, 3,107,880 acre-ft and a series of navigation locks and dams.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 43.04 ft May 14, 15, 1958 (discharge not determined); minimum daily discharge, 190 ft^3/s Sept. 13, 1971.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since 1912, 44.2 ft Apr. 11, 12, 1945; minimum, -0.3 ft Nov. 11, 1916; minimum since 1928, 5.8 ft Aug. 25, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.97 ft Mar. 22; minimum daily discharge, 859 ft^3/s Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	859	2220	6540		13100					3150	2090	3190
2	950	2140	6940		12700					3070	2080	3030
3	1000	1950	9340		12200					2680	2070	2880
4	1050	1660	13400		11500					2060	2190	2640
5	1010	1210	15000		9750					2220	3230	2460
6	948	1260			8950					2180	4020	2340
7	981	1310			8660				11300	2170	3840	1980
8	1030	1350			8110				11300	2240	3770	1720
9	1090	1390			7550				11300	2780	3770	1820
10	1110	1340			7310				10400	3020	3940	1760
11	1110	1320			7440				8230	2780	4070	1940
12	1120	1360			9540				6250	2020	6310	2690
13	1160	1330			12600				4940	1750	10500	3690
14	1150	1390							4360	1870	13200	4090
15	1150	1310							3800	1880	14000	3990
16	1160	1290							3470	1750	13900	3500
17	1210	1330							3330	1870	13500	2820
18	1180	1420							3310	1830	11700	2790
19	1260	1440		12100					3310	1850	8750	2440
20	1370	1380		11500					3220	2140	10500	1540
21	1810	1390		11000					3150	2270	13200	1660
22	2410	1510		9760					3150	2050	13000	1920
23	2270	2690		8820					3190	1800	12800	1980
24	2120	3460		9960					3260	1750	12400	1970
25	1500	3480		11500					3530	1660	11900	1930
26	1170	3860		12100					4100	1660	10700	2320
27	1210	4960		12800					4090	1660	8900	4100
28	1280	4930		13300					4250	1590	7260	4190
29	1420	• 4450		13600					4140	1520	5410	3550
30	2020	5090		13700					3890	1640	4320	2650
31	2380			13500						1870	3700	
TOTAL	41488	65220	---	---	---	---	---	---	---	64780	241020	79580
MEAN	1338	2174	---	---	---	---	---	---	---	2090	7775	2653
MAX	2410	5090	---	---	---	---	---	---	---	3150	14000	4190
MIN	859	1210	6540	8820	7310	---	---	---	3150	1520	2070	1540

07364100 OUACHITA RIVER NEAR ARKANSAS-LOUISIANA STATE LINE--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.00	9.01	12.65	23.81	18.69	22.74	26.77	23.47	22.14	10.54	8.61	9.52
2	8.09	8.93	13.01	23.49	18.39	22.74	26.65	23.07	21.64	9.87	8.59	9.27
3	8.17	8.73	14.87	23.10	18.06	22.81	26.64	22.73	21.07	9.10	8.59	9.17
4	8.19	8.46	17.79	22.68	17.55	23.01	26.63	22.52	20.44	8.63	8.68	8.98
5	8.12	7.96	18.96	22.27	16.45	23.61	26.61	22.42	19.76	8.73	9.47	8.85
6	8.00	8.03	19.81	21.84	15.68	24.45	26.61	22.43	19.06	8.70	10.39	8.76
7	8.02	8.11	20.42	21.40	15.27	25.12	26.63	22.49	18.62	8.67	10.22	8.53
8	8.07	8.18	20.93	20.98	14.76	25.64	26.75	22.64	18.19	8.70	10.04	8.38
9	8.12	8.21	21.30	20.47	14.21	25.98	26.93	22.85	17.82	9.06	10.05	8.47
10	8.12	8.15	21.55	20.28	13.99	26.32	27.11	23.17	17.02	9.24	10.44	8.41
11	8.10	8.14	21.81	20.06	14.03	26.56	27.31	23.62	15.43	9.08	10.95	8.53
12	8.09	8.17	21.95	19.94	16.06	26.75	27.47	24.23	13.87	8.54	12.89	9.02
13	8.11	8.13	22.14	19.94	18.75	26.87	27.58	25.02	12.83	8.35	15.42	9.86
14	8.09	8.20	22.35	19.96	19.77	26.91	27.64	25.83	12.21	8.47	17.17	10.59
15	8.06	8.12	22.53	19.97	20.45	26.93	27.65	26.52	11.58	8.47	17.83	10.51
16	8.05	8.07	22.71	19.91	21.08	26.97	27.63	27.05	11.12	8.37	17.85	9.79
17	8.08	8.11	22.90	19.71	21.51	27.33	27.56	27.40	10.85	8.46	17.70	9.14
18	8.03	8.23	23.19	19.41	21.90	27.59	27.43	27.59	10.73	8.45	16.70	9.10
19	8.09	8.28	23.37	18.92	22.21	27.76	27.37	27.66	10.69	8.44	14.84	8.83
20	8.19	8.17	23.53	18.39	22.47	27.84	27.27	27.64	10.51	8.62	16.16	8.22
21	8.63	8.19	23.76	17.85	22.75	27.93	27.09	27.53	10.27	8.71	18.39	8.30
22	9.22	8.36	23.98	16.90	22.98	27.97	26.94	27.34	10.18	8.56	18.58	8.52
23	9.07	9.49	24.18	16.11	23.12	27.97	26.69	27.00	10.20	8.40	18.50	8.57
24	8.92	10.23	24.30	16.69	23.16	27.93	26.41	26.54	10.33	8.37	18.27	8.55
25	8.27	10.23	23.39	17.53	23.09	27.84	26.08	26.02	10.74	8.32	17.88	8.52
26	7.90	10.55	24.42	17.90	22.96	27.73	25.72	25.49	11.41	8.32	17.04	8.75
27	7.95	11.47	24.45	18.36	22.92	27.60	25.35	24.95	11.56	8.32	15.66	10.37
28	8.04	11.50	24.45	18.69	22.83	27.46	24.92	24.40	11.76	8.23	14.34	10.82
29	8.21	11.11	24.41	18.88	22.77	27.29	24.45	23.80	11.69	8.15	12.98	9.80
30	8.83	11.53	24.26	18.96	---	27.12	23.95	23.20	11.44	8.26	11.97	9.00
31	9.18	---	24.08	18.90	---	26.94	---	22.64	---	8.46	10.58	---
MAX	9.22	11.53	24.45	23.81	23.16	27.97	27.65	27.66	22.14	10.54	18.58	10.82
MIN	7.90	7.96	12.65	16.11	13.99	22.74	23.95	22.42	10.18	8.15	8.59	8.22

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA

LOCATION.--Lat 32°59'25", long 91°39'20", in SE1/4SW1/4 sec.9, T.23 N., R.8 E., Morehouse Parish, Hydrologic Unit 08040205, on downstream side of right pier of bridge on State Highway 834, 1.0 mi downstream from Arkansas-Louisiana State line, and 1.6 mi northwest of Jones.

DRAINAGE AREA.--1,[illegible] mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is 79.21 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Water-stage recorder for Bayou Bartholomew northwest of Jones (station 07364203) used as auxiliary gage for this station since Oct. 1, 1959. See WSP 2120 for history of changes prior to Dec. 7, 1966.

REMARKS.--Records good. Small diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf River basins by way of interconnecting system of bayous and drainage ditches and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (station 07368000). Other flow bypasses station and reenters the basin 5 mi downstream by way of Overflow Creek.

AVERAGE DISCHARGE.--27 years, 1,282 ft^3/s, 928,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,710 ft^3/s Jan. 2, 1983; maximum gage height, 28.45 ft Jan. 5, 1983; minimum discharge, 27 ft^3/s Aug. 31, 1983, gage height, 0.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,820 ft^3/s Dec. 26; maximum gage height, 22.93 ft Dec. 27; minimum discharge, 56 ft^3/s Aug. 2, gage height, 1.08 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	60	316	4500	1800	3050	2320	1800	2510	501	64	388
2	143	60	364	4300	1810	2990	2230	1680	2400	485	61	339
3	154	60	734	4160	1810	2970	2170	1630	2270	441	75	301
4	167	61	1170	3990	1790	2980	2080	1630	2150	385	79	275
5	180	61	1420	3810	1760	3230	2010	1700	2000	338	88	249
6	194	60	1760	3630	1720	3390	1950	1860	1900	293	101	228
7	204	62	2080	3460	1680	3480	1900	2090	1800	252	197	218
8	209	61	2410	3270	1650	3610	1930	2360	1700	220	350	211
9	204	60	2750	3110	1620	3780	2010	2550	1750	195	448	207
10	193	59	3100	3090	1610	3880	2040	2700	1800	163	500	191
11	177	59	3500	2990	1590	3920	2120	2780	1850	136	553	168
12	159	58	3760	2870	1780	3900	2220	2820	1910	118	627	153
13	139	57	3970	2760	2090	3840	2310	2860	1920	117	700	140
14	120	56	4200	2680	2250	3740	2400	2900	1870	104	812	131
15	104	59	4370	2570	2500	3510	2420	2880	1790	94	904	121
16	90	59	4460	2470	2900	3500	2430	2890	1700	94	978	115
17	81	58	4510	2420	3210	3450	2430	2890	1570	88	1030	111
18	75	56	4530	2280	3470	3420	2410	2910	1420	109	1060	104
19	73	58	4530	2170	3610	3410	2450	2940	1230	132	1080	105
20	74	66	4590	2040	3660	3400	2430	2960	1030	127	1080	107
21	75	71	4580	1900	3650	3390	2390	2990	836	110	1050	108
22	74	78	4710	1750	3610	3390	2380	3000	679	106	1030	110
23	71	188	4750	1640	3540	3340	2370	3010	546	91	1030	112
24	68	289	4790	1610	3460	3280	2350	3000	443	90	992	110
25	66	332	4790	1550	3380	3180	2330	3000	361	86	939	109
26	65	349	4790	1540	3290	3040	2290	3000	292	78	872	109
27	63	348	4770	1560	3280	2900	2200	2980	259	73	799	108
28	61	331	4760	1630	3210	2780	2100	2930	232	74	711	107
29	60	303	4690	1690	3120	2650	1900	2830	367	75	616	103
30	59	294	4730	1750	---	2540	1750	2730	473	73	527	99
31	59	---	4670	1790	---	2430	---	2640	---	75	451	---
TOTAL	3591	3773	110554	80980	74850	102470	66320	80940	41058	5317	19804	4937
MEAN	116	126	3566	2612	2581	3305	2211	2611	1369	172	639	165
MAX	209	349	4790	4500	3660	3920	2450	3010	2510	501	1080	388
MIN	59	56	316	1540	1590	2430	1750	1630	232	73	61	99
AC-FT	7120	7480	219300	160600	148500	203200	131500	160500	81440	10550	39280	9790

CAL YR 1983 TOTAL 697246 MEAN 1910 MAX 6690 MIN 27 AC-FT 1383000
WTR YR 1984 TOTAL 594594 MEAN 1625 MAX 4790 MIN 56 AC-FT 1179000

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.27	1.30	4.76	22.23	13.41	18.73	15.82	13.60	15.58	6.22	1.27	5.31
2	2.43	1.30	5.24	21.90	13.36	18.58	15.41	13.05	15.13	6.09	1.20	4.87
3	2.61	1.31	7.92	21.55	13.31	18.53	15.14	12.75	14.61	5.75	1.50	4.51
4	2.81	1.33	10.35	21.16	13.19	18.65	14.76	12.63	14.05	5.27	1.58	4.26
5	3.03	1.33	11.42	20.73	13.03	19.89	14.40	12.83	13.44	4.85	1.76	4.00
6	3.23	1.32	12.65	20.25	12.93	20.42	14.11	13.34	12.88	4.44	2.02	3.78
7	3.38	1.35	13.79	19.73	12.90	20.83	13.90	14.07	12.87	4.02	3.39	3.68
8	3.45	1.32	14.91	19.18	12.82	21.28	13.94	15.00	12.61	3.69	4.96	3.60
9	3.42	1.30	16.04	18.63	12.74	21.59	14.23	15.76	12.64	3.42	5.81	3.56
10	3.31	1.29	17.10	18.65	12.81	21.72	14.38	16.35	12.92	3.02	6.21	3.37
11	3.14	1.27	18.31	18.45	12.77	21.70	14.66	16.79	13.26	2.62	6.59	3.08
12	2.92	1.25	19.05	18.14	14.19	21.58	15.07	17.09	13.51	2.34	7.07	2.88
13	2.66	1.23	19.64	17.85	15.71	21.34	15.47	17.24	13.60	2.30	7.53	2.67
14	2.40	1.21	20.23	17.56	16.62	21.01	15.79	17.29	13.46	2.08	8.19	2.54
15	2.15	1.29	20.70	17.23	17.86	20.62	15.9[illegible]	17.31	13.13	1.89	8.70	2.38
16	1.93	1.28	21.10	16.82	19.08	20.24	15.96	17.25	12.69	1.80	9.10	2.28
17	1.75	1.25	21.45	16.37	19.82	20.24	15.88	17.18	12.09	1.76	9.34	2.20
18	1.62	1.21	21.73	15.89	20.36	20.13	15.71	17.11	11.32	2.16	9.50	2.08
19	1.58	1.26	21.93	15.32	20.60	20.17	15.88	17.06	10.40	2.55	9.58	2.09
20	1.61	1.45	22.13	14.70	20.65	20.23	15.90	17.08	9.33	2.48	9.57	2.13
21	1.63	1.55	22.30	14.05	20.59	20.21	15.74	17.12	8.32	2.19	9.47	2.16
22	1.61	1.69	22.82	13.38	20.43	20.09	15.78	17.16	7.39	1.99	9.36	2.18
23	1.54	3.38	22.88	12.96	20.19	19.89	15.83	17.16	6.53	1.81	9.37	2.21
24	1.49	4.50	22.89	13.01	19.92	19.58	15.86	17.16	5.77	1.79	9.17	2.19
25	1.46	4.92	22.89	12.81	19.59	19.17	15.80	17.13	5.07	1.73	8.89	2.17
26	1.43	5.09	22.90	12.72	19.31	18.76	15.64	17.07	4.42	1.57	8.53	2.17
27	1.39	5.08	22.91	12.77	19.37	18.23	15.45	16.97	4.10	1.46	8.11	2.16
28	1.34	4.91	22.91	12.92	19.17	17.79	15.10	16.82	3.82	1.49	7.59	2.12
29	1.30	4.63	22.82	13.12	18.93	17.28	14.65	16.61	5.06	1.50	7.00	2.06
30	1.28	4.54	22.69	13.29	---	16.78	14.13	16.31	6.01	1.47	6.41	1.99
31	1.28	---	22.51	13.40	---	16.29	---	15.98	---	1.49	5.83	---
MAX	3.45	5.09	22.91	22.23	20.65	21.72	15.96	17.31	15.58	6.22	9.58	5.31
MIN	1.28	1.21	4.76	12.72	12.74	16.29	13.90	12.63	3.82	1.46	1.20	1.99

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1957-58, 1964-73, 1976-77, 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 05...	1010	234	7.1	22.0	5	25	8.2	2.1	280
JAN 11...	0945	51	6.2	2.0	10	35	10.8	2.8	190
APR 04...	0930	63	6.2	15.0	100	65	7.2	.9	K18
JUL 18...	0930	165	7.3	27.5	50	90	5.0	1.2	K720

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 05...	420	77	20	6.5	17	3.1	83	9.3	15
JAN 11...	2200	14	3.3	1.3	2.6	2.5	10	7.4	3.2
APR 04...	120	18	4.4	1.7	3.4	2.1	13	9.3	3.7
JUL 18...	3500	54	14	4.7	9.3	2.9	58	6.0	9.8

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 05...	.2	12	--	133	<.1	.5	.18
JAN 11...	.2	5.9	51	32	<.1	.4	.14
APR 04...	<.1	5.2	47	38	.2	.5	.20
JUL 18...	.2	13	118	95	.5	.4	.21

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07364200 BAYOU BARTHOLOMEW NEAR JONES, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
JAN											
11...	1	1	1	<1	<1	<1	5	5	420	93	6

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
05...	--	--	--	--	--	--	--	8.1	--	--	<.1
JAN											
11...	<10	30	160	<.1	.01	10	1	--	<.01	18	--

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
05...	<1	<.1	<1	<.01	<.1	<.1	4	<.01	17	<.01	19

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	5.1	<.01	<.1	.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
05...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	.39	<.01

< Actual value is known to be less than the value shown.

07364203 BAYOU BARTHOLOMEW NORTHWEST OF JONES, LA

LOCATION.--Lat 32°58'55", long 91°42'00", in SE1/4 NE1/4 sec.13, T.23 N., R.7 E., Morehouse Parish, Hydrologic Unit 08040205, on right bank 0.3 mi upstream from Overflow Creek, 1.3 mi south of Arkansas-Louisiana State line, 3.2 mi northwest of Jones, and 4.0 mi downstream from gaging station Bayou Bartholomew near Jones (station 07364200).

DRAINAGE AREA.--1,190 mi^2, approximately.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records from October 1959 to September 1973 available in files of the Baton Rouge district office.

GAGE.--Water-stage recorder. Altitude of gage is 80 ft (from topographic map). Period Dec. 7, 1966, to Sept. 30, 1976, at datum 1.00 ft lower.

REMARKS.--Large diversions above station for irrigation. In extreme floods, considerable flow bypasses station. Most of flow is into the Bayou Lafourche-Boeuf River basins by way of interconnecting system of bayous and drainage ditches and passes station Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (07368000). Other flow bypasses station and reenters the basin 1 mi downstream by way of Overflow Creek.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, not determined, occurred during period of no gage-height record in 1974. Maximum gage height since 1974, 26.49 ft Jan. 6, 1983; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1959 (except possibly in 1974), 26.15 ft, present datum, Apr. 21, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.67 ft Dec. 27; minimum, -1.26 ft Nov. 17-18, 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.56	-1.18	1.21	19.95	11.40	16.70	13.80	---	13.16	4.38	-0.16	3.52
2	.71	-1.16	1.59	19.68	11.31	16.56	13.39	11.07	12.71	4.28	-0.32	3.10
3	.86	-1.15	4.30	19.34	11.24	16.52	13.12	10.74	12.20	4.00	-0.08	2.75
4	1.05	-1.14	6.71	18.98	11.11	16.67	12.74	10.57	---	3.59	.20	2.52
5	1.24	-1.15	7.80	18.56	10.94	18.04	12.37	10.69	---	3.21	.47	2.28
6	1.43	-1.16	9.11	18.09	10.87	18.57	12.07	11.11	---	2.77	.67	2.06
7	1.59	-1.15	10.34	17.58	10.89	19.03	11.86	11.73	---	2.31	1.51	1.94
8	1.67	-1.18	11.49	17.05	10.83	19.49	11.89	12.59	---	1.93	2.93	1.88
9	1.68	-1.25	12.64	16.49	10.77	19.74	12.14	13.36	---	1.67	3.85	1.84
10	1.61	-1.25	13.75	16.55	10.91	19.82	12.30	13.95	---	1.28	4.23	1.71
11	1.46	-1.25	15.12	16.40	10.90	19.75	12.57	14.43	---	.92	4.57	1.43
12	1.27	-1.25	15.94	16.12	12.50	19.61	12.96	14.79	11.28	.66	5.01	1.22
13	1.04	-1.25	16.65	15.88	14.01	19.36	13.36	14.93	11.39	.65	5.43	1.04
14	.80	-1.25	17.36	15.61	14.98	19.01	13.66	14.96	11.28	.61	6.02	.91
15	.57	-1.25	17.91	15.32	16.22	18.61	13.82	15.01	10.95	---	6.54	.76
16	.37	-1.25	18.40	14.92	17.35	18.22	13.84	14.91	10.50	---	6.96	.67
17	.21	-1.26	18.85	14.41	18.03	18.28	13.71	14.80	9.92	---	7.20	.67
18	.08	-1.26	19.23	13.96	18.41	18.16	13.52	14.68	9.17	---	7.38	.56
19	.02	-1.22	19.51	13.38	18.59	18.22	13.71	14.57	8.24	---	7.48	.51
20	-0.78	-1.08	19.73	12.75	18.61	18.31	13.76	14.56	7.17	---	7.51	.53
21	-1.04	-1.01	19.98	12.10	18.53	18.29	13.60	14.57	6.19	---	7.42	.57
22	-1.08	-0.02	20.58	11.45	18.36	18.14	13.68	14.61	5.25	---	7.30	.58
23	-0.92	.22	20.62	11.08	18.11	17.91	13.76	14.61	4.40	---	7.29	.61
24	-0.94	1.01	20.60	11.21	17.83	17.58	13.82	14.62	3.74	.31	7.14	.60
25	-1.05	1.30	20.60	11.03	17.47	17.15	13.77	14.58	3.14	.33	6.91	.56
26	-1.10	1.51	20.60	10.93	17.20	16.67	13.62	14.49	2.55	.19	6.57	.54
27	-1.12	1.59	20.64	10.95	17.29	16.18	---	14.37	2.39	.14	6.18	.54
28	-1.15	1.48	20.65	11.05	17.10	15.76	---	14.25	2.07	.07	5.70	.51
29	-1.17	1.21	20.58	11.21	16.88	15.26	---	14.10	3.26	.01	5.14	.46
30	-1.18	1.08	20.38	11.34	---	14.75	---	13.84	4.17	-0.04	4.57	.40
31	-1.20	---	20.18	11.40	---	14.26	---	13.52	---	-0.03	4.03	---
MAX	1.68	1.59	20.65	19.95	18.61	19.82	13.84	15.01	13.16	4.38	7.51	3.52
MIN	-1.20	-1.26	1.21	10.93	10.77	14.26	11.86	10.57	2.07	-.04	-0.32	.40

07364535 OUACHITA RIVER AT STERLINGTON, LA

LOCATION.--Lat 32°41'46", long 92°05'12", in NW1/4NW1/4 sec.29, T.20 N., R.4 E., Ouachita - Union Parish line, Hydrologic Unit 08040202, on downstream side of bridge on State Highway 2, at Sterlington.

DRAINAGE AREA.--12,953 mi^2.

PERIOD OF RECORD.--October 1979 to current year (elevations only). Gage-height records since September 25, 1972, in Corps of Engineers files.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Nov. 13, 1969, nonrecording gage at same site and datum.

REMARKS.--Considerable regulation by five reservoirs in Arkansas, combined capacity, 3,107,880 acre-ft and a series of navigation locks and dams.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 82.36 ft Jan. 7, 1983; minimum, 52.42 ft July 27, 1980.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since September 1972, 85.65 ft May 7, 1973 (from Corps of Engineers records).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 69.84 ft Mar. 22; minimum, 52.47 ft Oct. 26.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.52	52.86	54.04	65.66	58.80	64.64	68.34	65.49	63.91	53.87	52.89	53.33
2	52.56	52.83	54.27	65.39	58.69	64.60	68.16	65.02	63.29	53.53	52.87	53.09
3	52.70	52.76	55.23	65.05	58.58	64.68	68.17	64.70	62.66	53.24	52.88	53.06
4	52.72	52.74	56.70	64.67	58.35	64.91	68.11	64.32	61.99	53.01	52.93	52.97
5	52.70	52.53	57.49	64.26	57.98	66.19	68.05	64.03	61.29	53.06	53.11	52.93
6	52.58	52.59	58.14	63.81	57.41	67.27	68.00	63.84	60.62	53.02	53.41	52.94
7	52.60	52.68	58.71	63.35	56.95	68.07	67.95	63.78	60.18	52.97	53.45	52.88
8	52.64	52.74	59.18	62.86	56.54	68.73	68.05	63.83	59.56	52.94	53.39	52.86
9	52.68	52.74	59.62	62.37	56.11	69.24	68.18	63.90	58.99	53.00	53.38	52.92
10	52.66	52.70	60.20	62.08	55.91	69.54	68.27	64.00	58.41	53.09	53.53	52.87
11	52.65	52.71	61.17	61.71	55.86	69.68	68.40	64.31	57.60	53.06	53.67	52.95
12	52.67	52.71	61.94	61.39	57.48	69.73	68.52	64.73	56.63	52.86	54.07	53.03
13	52.67	52.67	62.60	61.15	59.45	69.74	68.64	65.21	55.78	52.77	54.98	53.21
14	52.67	52.70	63.27	60.95	60.55	69.68	68.72	65.78	55.20	52.91	55.60	53.49
15	52.65	52.69	63.83	60.82	61.38	69.57	68.75	66.35	54.68	52.90	56.08	53.51
16	52.65	52.61	64.22	60.69	62.11	69.43	68.72	66.82	54.30	52.80	56.29	53.37
17	52.66	52.63	64.51	60.54	62.79	69.49	68.66	67.20	54.06	52.89	56.40	53.11
18	52.63	52.71	64.73	60.38	63.41	69.62	68.54	67.49	53.91	52.86	56.35	53.06
19	52.65	52.78	64.91	60.09	63.96	69.68	68.50	67.68	53.82	52.82	55.86	52.98
20	52.69	52.65	65.07	59.71	64.39	69.76	68.42	67.83	53.72	52.87	56.76	52.82
21	52.82	52.68	65.28	59.25	64.70	69.81	68.31	67.91	53.58	52.92	58.24	52.77
22	52.98	52.82	65.62	58.72	64.89	69.83	68.32	67.95	53.49	52.87	58.71	52.94
23	52.91	53.09	65.82	58.21	64.97	69.82	68.21	67.89	53.43	52.78	58.83	52.95
24	52.87	53.41	66.00	58.19	64.95	69.76	68.01	67.72	53.40	52.78	58.78	52.94
25	52.65	53.37	66.12	58.26	64.85	69.67	67.76	67.42	53.48	52.81	58.52	52.92
26	52.50	53.44	66.20	58.34	64.74	69.45	67.50	67.07	53.67	52.83	58.08	52.92
27	52.53	53.77	66.24	58.47	64.84	69.28	67.25	66.66	54.07	52.82	57.31	53.26
28	52.58	53.89	66.24	58.61	64.78	69.18	66.90	66.21	54.27	52.79	56.51	53.52
29	52.67	53.78	66.19	58.73	64.70	69.00	66.46	65.70	54.29	52.72	55.54	53.32
30	52.86	53.70	66.04	58.82	---	68.79	65.99	65.12	54.17	52.74	54.80	53.01
31	52.95	---	65.90	58.85	---	68.57	---	64.52	---	52.83	54.05	---
MAX	52.98	53.89	66.24	65.66	64.97	69.83	68.75	67.95	63.91	53.87	58.83	53.52
MIN	52.50	52.53	54.04	58.19	55.86	64.60	65.99	63.78	53.40	52.72	52.87	52.77

07364740 BAYOU DE LOUTRE NEAR FARMERVILLE, LA

LOCATION.--Lat 32°52'25", long 92°23'40", in NW1/2 sec.25, T.22 N., R.1 E., Union Parish, Hydrologic Unit 08040202, at bridge on State Highway 549 and 7.0 mi north of Farmerville.

DRAINAGE AREA.--241 mi^2.

PERIOD OF RECORD.--Water years 1981 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT										
04...	1150	3.7	3910	6.8	20.5	10	2.0	7.9	1.2	260
JAN										
10...	1205	228	673	6.5	5.5	20	4.0	9.4	1.8	80
APR										
03...	1530	399	412	6.8	16.5	70	7.0	7.2	1.9	42
JUL										
17...	1240	38	1330	6.5	26.5	30	3.0	--	--	33

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
04...	130	290	80	22	690	7.8	59	35	1200
JAN									
10...	800	65	18	4.8	97	2.4	9	24	180
APR									
03...	720	40	13	3.1	62	--	15	9.9	110
JUL									
17...	320	110	32	7.7	200	3.5	24	19	370

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT							
04...	.2	5.4	2180	2080	<.1	.5	.03
JAN							
10...	<.1	12	405	344	<.1	.6	.05
APR							
03...	.1	7.5	267	215	.1	.9	.06
JUL							
17...	.1	9.2	785	656	.2	.3	.04

< Actual value is known to be less than the value shown.

07364740 BAYOU DE LOUTRE NEAR FARMERVILLE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT											
04...	<1	<1	1	3	9	<1	<1	2	70	4500	1

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
04...	20	340	410	<.1	.02	20	11	9.2	<.01	3	<.1

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT											
04...	<1	<.1	<1	<.01	<.1	<.1	1	<.01	.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
04...	<.1	<1	<1	<10	<.01	<.1	<.01	.02	<.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07364840 LAKE CLAIBORNE NEAR AYCOCK, LA

LOCATION.--Lat 32°44'20", long 92°54'18", in sec.8, T.20 N., R.5 W., Claiborne Parish, Hydrologic Unit 08040206, attached to pier of catwalk to drop inlet structure, 50 ft upstream from dam on Bayou D'Arbonne, and 2.0 mi northeast of Aycock.

DRAINAGE AREA.--133 mi^2.

PERIOD OF RECORD.--1962 (one discharge measurement). February 1968 to current year (gage heights and miscellaneous discharge measurements only).

GAGE.--Water-stage recorder. Datum of gage is 176.00 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Reservoir is formed by an earthfill dam, containing an uncontrolled concrete drop inlet spillway near the left end of dam. Outflow below spillway elevation is controlled by two 8- by 8-ft sluice gates in upstream face of drop inlet. Invert of sluice gates at -24.75 ft, gage datum, capacity, 100,000 acre-ft to 9.0 ft, gage datum. Dam completed and storage began in 1966. Reservoir is used for flood control and conservation. Gates were closed all year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.03 ft May 5, 1979; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.22 ft Mar. 6; minimum 7.81 ft Nov. 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.24	7.93	8.45	9.50	9.49	9.87	9.72	9.42	---	9.18	8.96	9.11
2	8.22	7.93	8.44	9.49	9.46	9.83	9.68	9.53	9.40	9.17	8.95	9.09
3	8.21	7.93	8.72	9.48	9.50	9.87	9.77	9.60	9.37	9.16	8.95	9.08
4	8.20	7.94	8.96	9.47	9.50	9.96	9.79	9.59	9.34	9.15	9.09	9.22
5	8.19	7.93	9.02	9.45	9.49	10.75	9.74	9.55	9.32	9.20	9.14	9.20
6	8.17	7.92	---	9.45	9.45	11.22	9.69	9.55	9.30	9.19	9.14	9.18
7	8.15	7.96	---	9.44	9.43	11.03	9.66	9.52	9.42	9.17	9.16	9.16
8	8.14	7.95	---	9.42	9.43	10.78	9.69	9.59	9.41	9.15	9.21	9.13
9	8.13	7.94	---	9.41	9.45	10.56	9.74	9.54	9.40	9.14	9.21	9.17
10	8.12	7.98	---	9.46	9.49	10.38	9.70	9.52	9.37	9.12	9.21	9.14
11	8.11	7.92	9.48	9.45	9.48	10.25	9.74	9.47	9.36	9.10	9.27	9.13
12	8.10	7.90	9.53	9.44	9.75	10.13	9.74	9.45	9.36	9.09	9.28	9.11
13	8.09	7.89	9.52	9.43	10.11	10.19	9.73	9.43	9.34	9.09	9.27	9.10
14	8.07	7.88	9.55	9.42	10.14	10.13	9.70	9.41	9.33	9.21	9.27	9.09
15	8.05	7.91	9.53	9.43	10.09	10.07	9.66	9.38	9.31	9.20	9.27	9.07
16	8.05	7.86	9.49	9.43	10.11	10.00	9.64	9.35	9.30	9.19	9.26	9.04
17	8.05	7.86	9.53	9.42	10.04	9.96	9.58	9.33	9.28	9.17	9.25	9.01
18	8.06	7.85	9.52	9.44	9.94	9.90	9.54	9.31	9.28	9.17	9.25	8.99
19	8.05	7.81	9.51	9.43	9.92	9.38	9.58	9.29	9.26	9.14	9.24	8.97
20	8.04	8.01	9.49	9.42	9.86	9.84	9.59	9.36	9.28	9.12	9.25	8.96
21	8.03	7.98	9.54	9.41	9.81	9.75	9.57	9.36	9.27	9.09	9.27	8.94
22	8.05	7.98	9.73	9.40	9.77	9.71	9.58	9.42	9.25	9.08	9.26	8.97
23	8.03	8.20	9.73	9.44	9.72	9.68	9.55	---	9.23	9.06	9.24	9.01
24	8.01	8.23	9.71	9.55	9.70	9.68	9.50	---	9.21	9.05	9.24	9.01
25	8.00	8.21	9.65	9.57	9.64	9.64	9.47	---	9.19	9.03	9.22	9.01
26	7.98	8.19	9.61	9.57	9.60	9.63	9.45	---	9.17	9.04	9.20	9.00
27	7.97	8.41	9.60	9.56	9.96	9.58	9.44	---	9.19	9.02	9.19	8.97
28	7.96	8.46	9.60	9.55	9.98	9.89	9.44	---	9.23	9.04	9.17	8.95
29	7.95	8.42	9.58	9.54	9.93	9.86	9.44	---	9.26	9.03	9.16	8.93
30	7.94	8.47	9.54	9.53	---	9.80	9.47	---	9.20	9.00	9.15	8.91
31	7.93	---	9.51	9.50	---	9.75	---	---	---	8.98	9.12	---
MAX	8.24	8.47	9.73	9.57	10.14	11.22	9.79	---	9.42	9.21	9.28	9.22
MIN	7.93	7.81	8.44	9.40	9.43	9.58	9.44	9.29	9.17	8.98	8.95	8.91

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07364890 BAYOU D'ARBONNE NEAR HICO, LA

LOCATION.--Lat 32°42'00", long 92°44'35", on line between secs.25 and 26, T.20 N., R.4 W., Lincoln Parish, Hydrologic Unit 08040206, in center of low-water channel on the downstream side of the bridge on Parish Road 271, 3.6 mi southwest of Hico.

DRAINAGE AREA.--254 mi^2.

PERIOD OF RECORD.--March 1980 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 110 ft, from topographic map.

REMARKS.--Flow regulated by Lake Claiborne (station 07364840), 10 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,200 ft^3/s Dec. 27, 1982, gage height, 15.74 ft; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,520 ft^3/s Dec. 12, gage height, 14.98 ft from floodmark; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	12	225	203	600	345	152	104	8.6	1.8	2.9
2	.00	.00	10	217	192	538	366	217	87	6.0	1.5	2.0
3	.00	.00	350	211	195	570	600	276	73	4.2	5.4	1.5
4	.00	.00	290	199	210	858	538	272	60	2.8	8.6	1.8
5	.00	.00	210	192	198	3200	437	215	50	2.9	6.5	2.9
6	.00	.00	160	180	190	4990	378	177	39	4.0	5.1	2.6
7	.00	.00	120	166	159	3340	332	157	120	5.6	5.0	2.1
8	.00	.00	91	152	145	2240	332	210	166	5.5	6.3	1.6
9	.00	.00	70	146	157	1760	402	229	100	5.3	7.3	1.8
10	.00	.00	100	169	229	1420	390	172	73	4.5	8.7	1.9
11	.00	.00	1000	188	243	1190	358	138	56	3.3	12	2.6
12	.00	.00	5400	167	877	1010	372	109	42	3.1	19	2.6
13	.00	.00	2000	152	2120	1010	351	92	40	3.1	18	2.0
14	.00	.00	675	145	1870	944	321	80	35	3.9	15	1.3
15	.00	.00	444	145	1220	792	297	67	29	13	14	1.0
16	.00	.00	322	160	1000	680	264	47	24	8.4	13	.63
17	.00	.00	303	156	888	602	236	32	19	7.9	12	.24
18	.00	.00	321	159	782	551	206	22	16	6.3	11	.09
19	.00	.00	315	171	671	503	213	18	13	5.1	11	.09
20	.00	.00	285	155	583	453	269	50	11	3.2	53	.02
21	.00	.00	348	140	523	415	236	185	12	2.0	50	.00
22	.00	.51	734	132	469	363	207	155	11	.93	28	.00
23	.00	53	772	188	420	319	195	314	9.4	1.2	15	.00
24	.00	124	566	364	376	291	168	616	8.0	1.5	11	.00
25	.00	48	428	385	342	280	136	458	7.0	1.2	8.7	.00
26	.00	12	367	334	349	255	114	313	4.5	1.4	8.3	.00
27	.00	12	335	305	680	261	106	252	3.9	2.1	8.7	.00
28	.00	74	300	281	760	530	107	230	5.6	3.7	6.4	.00
29	.00	64	273	261	665	563	102	201	13	4.0	4.9	.00
30	.00	20	250	242	---	474	115	161	10	3.5	4.3	.00
31	.00	---	233	224	---	395	---	129	---	2.7	3.7	---
TOTAL	.00	407.51	17084	6311	16716	31397	8493	5746	1241.4	130.93	383.2	31.67
MEAN	.00	13.6	551	204	576	1013	283	185	41.4	4.22	12.4	1.06
MAX	.00	124	5400	385	2120	4990	600	616	166	13	53	2.9
MIN	.00	.00	10	132	145	255	102	18	3.9	.93	1.5	.00
AC-FT	.00	808	33890	12520	33160	62280	16850	11400	2460	260	760	63

CAL YR 1983 TOTAL 115246.87 MEAN 316 MAX 5400 MIN .00 AC-FT 228600
WTR YR 1984 TOTAL 87941.71 MEAN 240 MAX 5400 MIN .00 AC-FT 174400

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07364890 BAYOU D'ARBONNE NEAR HICO, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.12	.11	.93	3.89	3.62	7.39	4.91	2.86	2.17	.81	.48	.54
2	.12	.11	.85	3.80	3.49	6.82	5.11	3.58	1.94	.70	.46	.48
3	.12	.11	---	3.72	3.53	7.09	7.39	4.20	1.75	.63	.68	.46
4	.12	.11	---	3.57	3.70	9.21	6.82	4.17	1.57	.55	.84	.47
5	.12	.11	---	3.49	3.56	13.17	5.82	3.57	1.45	.56	.73	.54
6	.12	.11	---	3.33	3.45	14.16	5.23	3.14	1.31	.61	.67	.53
7	.12	.11	---	3.14	3.06	13.43	4.77	2.91	2.40	.68	.66	.49
8	.12	.11	2.17	2.98	2.88	12.70	4.77	3.51	3.02	.68	.72	.47
9	.12	.12	1.88	2.90	3.04	12.09	5.48	3.72	2.26	.67	.77	.48
10	.12	.12	---	3.19	3.93	11.49	5.36	3.09	1.92	.64	.84	.48
11	.12	.12	---	3.44	4.10	10.83	5.03	2.70	1.70	.60	.99	.52
12	.12	.12	---	3.16	8.69	10.22	5.17	2.36	1.53	.58	1.22	.52
13	.12	.12	---	2.97	12.51	10.19	4.96	2.16	1.50	.58	1.19	.49
14	.12	.12	8.23	2.89	12.23	9.85	4.66	2.00	1.43	.62	1.10	.45
15	.12	.12	6.30	2.89	10.92	8.88	4.42	1.84	1.34	.99	1.10	.42
16	.12	.12	5.01	3.07	10.16	8.06	4.09	1.60	1.25	.81	1.09	.39
17	.12	.11	4.79	3.02	9.51	7.41	3.79	1.38	1.14	.79	1.04	.35
18	.12	.11	5.00	3.06	8.81	6.94	3.47	1.20	1.04	.72	1.02	.33
19	.12	.13	4.93	3.21	7.98	6.49	3.55	1.10	.96	.57	.94	.33
20	.12	.11	4.59	3.01	7.24	5.99	4.14	1.57	.89	.56	1.70	.29
21	.12	.11	5.24	2.82	6.68	5.60	3.80	3.23	.94	.49	1.82	.26
22	.12	.18	8.62	2.72	6.15	5.08	3.48	2.90	.90	.42	1.44	.26
23	.11	1.64	8.87	3.42	5.65	4.64	3.34	4.57	.83	.44	1.10	.25
24	.11	2.61	7.40	5.47	5.21	4.36	3.04	7.53	.77	.46	.94	.24
25	.11	1.57	6.18	5.71	4.87	4.25	2.68	6.03	.73	.44	.84	.24
26	.11	.91	5.51	5.14	4.94	3.99	2.43	4.58	.63	.45	.83	.23
27	.11	.90	---	4.81	8.03	4.06	2.33	3.95	.60	.50	.84	.23
28	.11	1.92	---	4.54	8.65	6.74	2.34	3.71	.69	.59	.73	.23
29	.11	1.82	4.95	4.31	7.94	7.06	2.29	3.36	.97	.61	.66	.23
30	.11	1.14	4.46	4.08	---	6.20	2.43	2.88	.88	.59	.63	.23
31	.11	---	3.98	3.87	---	5.40	---	2.48	---	.53	.60	---
MAX	.12	2.61	---	5.71	12.51	14.16	7.39	7.53	3.02	.99	1.82	.54
MIN	.11	.11	.85	2.72	2.88	3.99	2.29	1.10	.60	.42	.46	.23

07366000 CORNEY BAYOU NEAR LILLIE, LA

LOCATION.--Lat 32°53'15", long 92°39'25", in NE1/4 sec.22, T.22 N., R.3 W., Union Parish, Hydrologic Unit 08040206, at bridge on U.S. Highway 167 and 3.0 mi south of Lillie.

DRAINAGE AREA.--462 mi^2.

PERIOD OF RECORD.--Water years 1944, 1955-57, 1960-61, 1968-73, 1981 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 04...	1040	E.00	236	6.2	20.5	5	3.0	8.6	1.6	K72
JAN 10...	0915	251	241	5.7	6.5	30	6.0	10.5	2.1	32
APR 03...	1340	1050	276	6.1	16.0	40	5.0	7.9	1.4	K18
JUL 17...	0900	180	277	6.2	29.5	40	5.0	--	--	140

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 04...	2800	45	13	3.1	26	2.0	30	4.8	54
JAN 10...	320	41	12	2.7	25	2.2	3	10	62
APR 03...	190	44	13	2.8	29	2.0	4	5.5	77
JUL 17...	1600	42	12	3.0	26	3.0	7	4.0	68

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 04...	<.1	6.4	147	127	<.1	.5	.28
JAN 10...	<.1	11	149	127	<.1	.3	.03
APR 03...	<.1	9.4	183	141	<.1	.6	.03
JUL 17...	.2	8.8	174	129	<.1	.5	.03

< Actual value is known to be less than the value shown.
E Estimated.
K Results based on colony count outside the acceptable range (non-ideal count).

07366000 CORNEY BAYOU NEAR LILLIE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT											
04...	<1	<1	<1	2	2	<1	2	1	440	1800	1

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
04...	<10	3100	160	<.1	.01	15	8	7.5	<.01	<1	<.1

DATE	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT											
04...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
04...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA

LOCATION.--Lat 32°55'45", long 92°37'58", in SE1/4NW1/4 sec.1, T.22 N., R.3 W., Union Parish, Hydrologic Unit 08040206, left bank on downstream side of bridge on State Highway 15, 1.4 mi east of Lillie, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--208 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR LA-79-1: 1978(M).

GAGE.--Water-stage recorder. Datum of gage is 91.48 ft National Geodetic Vertical Datum of 1929. October 1955 to Jan. 26, 1956, nonrecording gage, Jan. 27, 1956, to May 31, 1978, water-stage recorder, at site 500 ft downstream at same datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--29 years, 186 ft^3/s, 12.14 in/yr, 134,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,000 ft^3/s June 9, 1974, gage height, 17.54 ft, from floodmark; no flow Aug. 18-20, Sept. 21 to Oct. 1, Oct. 3-5, 1956, Aug. 11-14, 1964.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 15	0500	1880	8.34	Mar. 5	2100	*3150	*9.18

Minimum discharge, 0.22 ft^3/s Oct. 12, gage height, 1.42 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.76	1.6	124	97	94	599	461	74	20	532	6.6	14
2	.61	2.4	93	82	83	600	396	270	16	415	6.0	14
3	.51	2.2	312	88	92	495	290	446	15	294	7.3	13
4	.41	4.5	670	95	110	684	226	417	13	122	60	37
5	.40	21	708	100	104	2320	216	406	12	65	184	65
6	.35	16	566	98	97	2710	237	499	13	87	484	96
7	.34	12	634	91	84	1920	258	474	110	82	455	85
8	.32	15	564	80	75	1200	245	408	225	69	349	42
9	.32	14	439	71	76	805	201	329	202	141	164	28
10	.31	13	324	112	161	576	191	137	125	156	152	38
11	.30	11	446	175	294	443	209	95	57	127	224	35
12	.30	10	449	190	536	370	234	76	33	78	298	32
13	.29	8.7	388	197	1060	342	207	55	21	45	355	22
14	.29	8.5	494	191	1220	307	174	42	16	56	232	16
15	.28	9.5	773	161	1690	282	130	54	25	90	88	12
16	.41	10	570	115	1060	278	92	58	36	72	66	10
17	1.1	9.9	412	99	737	268	74	40	118	62	60	8.0
18	3.7	11	285	103	523	282	65	27	496	98	47	6.6
19	5.8	15	206	119	415	384	158	21	465	74	38	5.9
20	2.7	69	175	112	342	763	420	66	195	44	40	5.1
21	1.6	76	230	96	271	601	388	349	61	26	72	4.8
22	1.4	76	472	82	195	426	354	406	36	17	63	6.0
23	1.4	269	540	106	140	299	540	313	24	13	48	9.9
24	2.0	356	480	288	114	170	463	222	17	11	70	13
25	2.3	271	450	363	100	110	313	135	15	11	59	14
26	1.8	140	400	345	113	101	132	77	13	12	50	13
27	2.4	113	300	348	368	100	92	54	218	16	42	14
28	1.8	185	250	371	496	110	91	42	651	16	27	13
29	1.7	185	200	343	493	162	74	33	616	14	20	11
30	1.5	158	159	231	---	220	80	26	543	11	16	12
31	1.4	---	121	130	---	325	---	24	---	8.6	14	---
TOTAL	38.80	2093.3	12225	5079	11143	18252	7011	5675	4407	2864.5	3796.9	695.3
MEAN	1.25	69.8	394	164	384	589	234	183	147	92.4	122	23.2
MAX	5.8	356	773	371	1690	2710	540	499	651	532	484	96
MIN	.28	1.6	93	71	75	100	65	21	12	8.6	6.0	4.8
CFSM	.01	.34	1.89	.79	1.85	2.83	1.13	.88	.71	.44	.59	.11
IN.	.01	.37	2.19	.91	1.99	3.26	1.25	1.01	.79	.51	.68	.12
AC-FT	77	4150	24250	10070	22100	36200	13910	11260	8740	5680	7530	1380

CAL YR 1983 TOTAL 61224.72 MEAN 168 MAX 1400 MIN .06 CFSM .81 IN. 10.95 AC-FT 121400
WTR YR 1984 TOTAL 73280.90 MEAN 200 MAX 2710 MIN .28 CFSM .96 IN. 13.11 AC-FT 145400

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.62	1.95	4.60	4.53	4.41	6.72	6.37	4.03	2.87	6.55	2.42	2.75
2	1.58	2.08	4.28	4.37	4.25	6.72	6.13	5.46	2.75	6.16	2.39	2.74
3	1.55	2.06	5.62	4.45	4.36	6.45	5.69	6.28	2.68	5.63	2.45	2.70
4	1.52	2.26	6.86	4.54	4.56	6.87	5.39	6.17	2.63	4.53	3.70	3.31
5	1.51	2.97	6.95	4.60	4.49	8.61	5.33	6.12	2.56	3.90	5.01	3.89
6	1.49	2.79	6.64	4.58	4.40	8.90	5.44	6.46	2.63	4.21	6.38	4.32
7	1.48	2.66	6.80	4.49	4.23	8.36	5.54	6.38	4.33	4.13	6.30	4.17
8	1.48	2.78	6.63	4.35	4.10	7.71	5.47	6.13	5.30	3.94	5.88	3.46
9	1.48	2.73	6.25	4.22	4.10	7.13	5.23	5.78	5.16	4.72	4.90	3.17
10	1.43	2.70	5.77	4.68	4.87	6.67	5.17	4.69	4.58	4.85	4.82	3.38
11	1.43	2.62	6.27	5.17	5.65	6.28	5.26	4.31	3.73	4.63	5.29	3.32
12	1.44	2.57	6.29	5.26	6.46	6.00	5.40	4.05	3.24	4.08	5.65	3.25
13	1.44	2.51	6.04	5.30	7.53	5.88	5.25	3.72	2.95	3.53	5.91	2.99
14	1.45	2.51	6.40	5.27	7.72	5.74	5.03	3.47	2.78	3.72	5.30	2.81
15	1.46	2.54	7.08	5.08	8.19	5.63	4.70	3.69	3.01	4.25	4.20	2.66
16	1.52	2.58	6.68	4.74	7.53	5.62	4.32	3.76	3.33	3.99	3.91	2.58
17	1.78	2.56	6.22	4.58	7.00	5.58	4.07	3.42	4.39	3.84	3.81	2.49
18	2.16	2.59	5.72	4.62	6.52	5.64	3.92	3.14	6.39	4.34	3.57	2.42
19	2.37	2.74	5.35	4.76	6.16	6.06	4.74	2.96	6.33	4.02	3.39	2.39
20	2.12	3.93	5.17	4.69	5.85	7.06	6.18	3.68	5.04	3.51	3.42	2.34
21	1.96	4.05	5.43	4.51	5.53	6.73	6.05	5.87	3.82	3.11	4.00	2.32
22	1.91	4.03	6.42	4.33	5.12	6.24	5.90	6.12	3.35	2.85	3.85	2.39
23	1.91	5.49	---	4.56	4.74	5.73	6.57	5.72	3.07	2.68	3.59	2.56
24	2.03	5.92	---	5.70	4.52	5.08	6.33	5.28	2.85	2.62	3.96	2.70
25	2.07	5.52	---	6.01	4.36	4.63	5.72	4.68	2.75	2.63	3.79	2.72
26	2.00	4.73	---	5.93	4.46	4.55	4.64	4.05	2.68	2.67	3.63	2.71
27	2.09	4.50	---	5.95	5.95	4.55	4.27	3.68	4.59	2.82	3.47	2.74
28	2.00	5.05	---	6.04	6.45	4.64	4.23	3.43	6.82	2.81	3.14	2.67
29	1.97	5.06	---	5.92	6.44	5.04	4.03	3.23	6.75	2.74	2.94	2.63
30	1.93	4.88	---	5.40	---	5.38	4.11	3.06	6.58	2.60	2.82	2.65
31	1.92	---	4.79	4.76	---	5.85	---	2.99	---	2.51	2.71	---
MAX	2.37	5.92	7.08	6.04	8.19	8.90	6.57	6.46	6.82	6.55	6.38	4.32
MIN	1.43	1.95	4.28	4.22	4.10	4.55	3.92	2.96	2.56	2.51	2.39	2.32

07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1957-58, 1966-70, 1981 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
04...	1000	99	6.0	17.5	20	4.0	5.7	2.0	K40
JAN									
10...	0930	352	5.6	6.5	20	4.0	9.8	1.5	80
APR									
03...	1315	169	6.2	15.0	60	6.0	6.9	1.3	29
JUL									
17...	0930	236	6.3	26.0	70	6.0	--	--	110

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
04...	1000	21	5.8	1.7	9.8	2.5	15	9.4	16
JAN									
10...	330	54	16	3.5	40	2.0	3	11	95
APR									
03...	230	27	7.4	2.0	18	1.7	7	4.6	41
JUL									
17...	640	40	12	2.5	25	2.6	12	.8	58

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
04...	<.1	14	75	68	<.1	.5	.05
JAN							
10...	<.1	14	216	184	<.1	.7	.04
APR							
03...	<.1	10	107	89	<.1	.6	.06
JUL							
17...	.2	13	174	121	.2	.4	.06

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07366200 LITTLE CORNEY BAYOU NEAR LILLIE, LA--Continued

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
04...	1	1	<1	3	9	<1	3	2	320	14000	2

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
04...	<10	290	550	<.1	.05	14	15	7.5	<.01	2	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
04...	<1	<.1	<1.0	<.01	<.1	<.1	<1	<.01	.2	<.01	.4

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
04...	<.01	.3	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
04...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
04...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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07366300 BAYOU D'ARBONNE LAKE AT FARMERVILLE, LA

LOCATION.--Lat 32°45'25", long 92°24'10", in NW1/4NW1/4 sec.6, T.20 N., R.1 E., Union Parish, Hydrologic Unit 08040206, near right bank on downstream side of bridge on State Highway 33, 0.6 mi southwest of Farmerville, and 5.0 mi upstream from dam on Bayou D'Arbonne.

DRAINAGE AREA.--1,607 mi^2 at dam, 1,470 mi^2 at site.

PERIOD OF RECORD.--December 1964 to current year (gage heights and miscellaneous discharge measurements only). August 1925 to current year in reports of Corps of Engineers, Vicksburg district. Published as Lake D'Arbonne at Farmerville, December 1964 to September 1968.

REVISED RECORDS.--WRD LA-71: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 40.40 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Reservoir is formed by an earthfill dam containing a 799-ft uncontrolled concrete spillway at left end. Capacity, 130,000 acre-ft at spillway crest, 39.60 ft, gage datum. There is no dead storage. Outflow below spillway crest controlled by four 5- by 5-ft sluice gates at outlet. Invert elevation of sluice gates at 17.6 ft gage datum. Dam complete and storage began in 1964. Reservoir is used for flood control, conservation, and recreation. Gates were closed Oct. 1 to Sept. 10 and open the remainder of the water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 45.43 ft June 11, 1974.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1925, 45.71 ft Apr. 30, 1958, (from Corps of Engineers records).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 43.29 ft Mar. 7; minimum, 32.39 ft Sept. 30.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATION AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.07	38.83	39.99	40.57	---	41.05	40.63	40.45	40.25	40.44	39.90	40.04
2	39.06	38.83	40.01	40.53	---	41.05	40.62	40.60	40.21	40.42	39.92	40.02
3	39.04	38.83	40.29	40.50	---	41.10	40.81	40.67	40.18	40.43	40.04	39.99
4	39.03	38.83	40.72	40.47	---	41.32	40.94	40.70	40.14	40.44	40.07	39.99
5	39.02	38.91	40.89	40.45	---	42.24	40.95	40.71	40.11	40.47	40.06	39.96
6	39.00	38.91	40.95	40.43	---	42.75	40.90	40.70	40.09	40.47	40.05	39.95
7	38.99	38.94	40.89	40.41	---	43.16	40.85	40.68	40.22	40.43	40.07	39.94
8	38.97	38.94	40.80	40.39	---	43.27	40.84	40.74	40.26	40.38	40.22	39.92
9	38.96	38.94	40.72	40.37	---	42.96	40.86	40.75	40.26	40.35	40.22	39.92
10	38.95	38.94	40.70	40.44	---	42.59	40.86	40.74	40.25	40.30	40.20	39.97
11	38.94	38.92	41.24	40.47	---	42.22	40.88	40.67	40.23	40.27	40.22	39.70
12	38.94	38.91	41.51	40.48	---	41.94	40.84	40.60	40.20	40.23	40.19	39.38
13	38.92	38.91	41.95	40.47	---	41.73	40.79	40.54	40.17	40.19	40.17	39.06
14	38.91	38.91	41.92	40.44	---	41.54	40.71	40.47	40.16	40.22	40.27	38.74
15	38.90	38.93	41.64	40.47	---	41.38	40.63	40.48	40.14	40.19	40.27	38.39
16	38.89	38.92	41.37	40.47	---	41.25	40.57	40.42	40.11	40.16	40.23	38.04
17	38.91	38.91	41.22	40.47	---	41.15	40.50	40.38	40.10	40.17	40.19	37.68
18	38.91	38.89	41.10	40.47	---	41.04	40.46	40.34	40.09	40.14	40.15	37.33
19	38.91	38.89	41.00	40.46	---	40.99	40.47	40.30	40.09	40.11	40.11	36.96
20	38.90	39.06	40.92	40.45	---	40.88	40.49	40.33	40.12	40.08	40.36	36.60
21	38.89	39.07	40.86	40.43	---	40.80	40.53	40.38	40.12	40.05	40.79	36.23
22	38.92	39.08	41.00	40.41	41.22	40.80	40.63	40.57	40.10	40.02	40.76	35.87
23	38.91	39.34	41.06	40.45	41.06	40.80	40.61	40.65	40.07	40.01	40.66	35.51
24	38.90	39.44	41.09	40.58	40.93	40.80	40.57	40.67	40.03	39.99	40.52	35.18
25	38.89	39.55	41.01	40.68	40.80	40.73	40.56	40.67	40.00	39.98	40.41	34.83
26	38.87	39.62	40.97	40.73	40.72	40.69	40.54	40.65	39.98	39.97	40.32	34.40
27	38.86	39.81	40.93	40.74	40.94	40.65	40.60	40.59	40.08	39.96	40.25	34.01
28	38.86	39.90	40.85	40.73	40.97	40.71	40.60	40.51	40.39	39.96	40.20	33.58
29	38.85	39.91	40.78	40.72	41.02	40.67	40.57	40.42	40.41	39.95	40.15	33.15
30	38.84	39.95	40.75	40.70	---	40.67	40.52	40.35	40.46	39.93	40.11	32.70
31	38.84	---	40.68	---	---	40.65	---	40.30	---	39.91	40.07	---
MAX	39.07	39.95	41.95	40.74	---	43.27	40.95	40.75	40.46	40.47	40.79	40.04
MIN	38.84	38.83	39.99	40.37	---	40.65	40.46	40.30	39.98	39.91	39.90	32.70

07366472 CHAUVIN BAYOU NEAR MONROE, LA

LOCATION.--Lat 32°33'34", long 92°04'31", in NE1/4NE1/4 lot 43, T.18 N., R.4 E., Ouachita Parish, Hydrologic Unit 08040207, on downstream end of culvert on U.S. Highway 165, 2.5 mi north of Sherrouse School at Monroe, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November 1977 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of the gage is 31.17 ft National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 40.41 ft Jan. 2, 1983; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.87 ft Mar. 12; minimum 29.09 ft Aug. 16, 17, 18, 19.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.16	29.25	29.70	31.96	30.81	32.52	35.18	32.56	30.21	31.08	29.23	30.21
2	29.16	29.24	29.58	31.84	30.77	32.34	34.94	32.14	29.64	30.62	29.22	30.12
3	29.15	29.24	33.33	31.66	30.80	32.24	35.58	33.66	29.24	30.01	29.30	30.04
4	29.13	29.24	34.13	31.47	30.76	32.51	35.59	32.72	29.20	29.71	29.33	30.00
5	29.15	29.32	33.20	31.30	30.69	35.54	35.45	32.12	29.19	29.59	29.27	29.96
6	29.15	29.31	32.89	31.12	30.65	35.97	35.27	31.79	29.18	29.53	29.24	29.92
7	29.14	29.37	32.56	30.99	30.62	36.26	35.07	31.45	---	29.50	29.22	29.88
8	29.14	29.41	32.34	30.89	30.57	36.47	35.17	31.25	---	29.48	29.92	29.84
9	29.13	29.38	32.15	30.81	30.54	36.62	35.41	31.04	---	29.76	29.81	29.80
10	29.14	29.35	32.00	31.11	30.70	36.74	35.34	30.90	---	29.60	29.39	29.79
11	29.16	29.29	33.00	31.09	30.65	36.82	35.25	30.79	---	29.50	29.31	29.77
12	29.19	29.29	32.59	30.98	33.97	36.85	35.15	30.75	---	29.50	29.24	29.75
13	29.21	29.27	32.41	30.88	34.61	36.86	35.03	30.75	29.36	29.46	29.21	29.72
14	29.20	29.25	32.45	30.82	34.06	36.82	34.93	30.80	29.35	29.45	29.22	29.70
15	29.20	29.32	32.39	30.89	33.67	36.75	34.83	31.02	29.30	29.43	29.21	29.66
16	29.19	29.30	32.35	30.84	33.69	36.66	34.73	31.35	29.29	29.40	29.20	29.61
17	29.21	29.27	32.39	30.78	33.55	36.59	34.64	31.69	29.27	29.39	29.20	29.61
18	29.21	29.25	32.30	30.82	33.41	36.48	34.53	31.99	29.27	29.37	29.18	29.58
19	29.23	29.25	32.20	30.78	33.27	36.36	34.47	32.26	29.27	29.35	29.16	29.55
20	29.21	29.96	32.10	30.71	33.13	36.24	34.38	32.54	29.28	29.33	31.82	29.53
21	29.20	29.71	32.02	30.66	32.99	36.14	34.27	32.79	29.26	29.31	32.43	29.51
22	29.26	29.52	32.51	30.62	32.84	36.04	34.41	32.97	29.26	29.30	31.87	29.49
23	29.26	31.17	32.47	30.98	32.66	35.95	34.34	33.11	29.25	29.29	31.65	29.50
24	29.25	30.92	32.42	32.09	32.49	35.86	34.21	33.15	29.24	29.27	31.43	29.50
25	29.25	30.09	32.38	31.82	32.28	35.77	34.05	33.08	29.24	29.25	31.24	29.49
26	29.23	29.73	32.33	31.57	32.07	35.66	33.84	32.84	29.26	29.24	31.02	29.49
27	29.22	30.36	32.35	31.35	33.57	35.54	34.05	32.57	29.25	29.28	30.85	29.49
28	29.22	30.57	32.54	31.20	33.08	35.83	33.77	32.22	30.88	29.28	30.71	29.47
29	29.22	30.14	32.49	31.06	32.74	35.74	33.42	31.81	31.23	29.26	30.53	29.46
30	29.22	29.83	32.32	30.97	---	35.59	33.01	31.33	31.54	29.25	30.40	29.44
31	29.22	---	32.13	30.88	---	35.40	---	30.77	---	29.25	30.29	---
MAX	29.26	31.17	34.13	32.09	34.61	36.86	35.59	33.66	31.54	31.08	32.43	30.21
MIN	29.13	29.24	29.58	30.62	30.54	32.24	33.01	30.75	---	29.24	29.18	29.44

07367630 OUACHITA RIVER AT COLUMBIA LOCK AND DAM, NEAR RIVERTON, LA

LOCATION.--Lat 32°10'00", long 92°06'45", on line between NE1/4 and SE1/4 sec.25, T.14 N., R.3 E., Caldwell Parish, Hydrologic Unit 08040207, near left bank on upstream end of lock wall of Columbia Lock and Dam on the Ouachita River, 1.0 mi northwest of Riverton, and 4.0 mi northwest of Columbia.

DRAINAGE AREA.--15,630 mi^2.

PERIOD OF RECORD.--October 1975 to current year. Gage-height records, April 1972 to December 1975, in reports of Corps of Engineers, Vicksburg district.

REVISED.--WDR LA-81-1: 1981(M).

GAGE.--Water-stage and gage-position recorders, a broad-crested weir and four radial gates. Datum of gage is 23.91 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to October 1981 water-stage recorder for Ouachita River at Columbia (station 07367640) used as auxiliary gage for this station.

REMARKS.--Records fair. Considerable regulation by five reservoirs in Arkansas and two reservoirs in Louisiana, combined capacity, 3,337,880 acre-ft, and a series of navigation locks and dams.

AVERAGE DISCHARGE.--9 years, 17,490 ft^3/s, 12,670,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 79,700 ft^3/s, Jan. 10, 1983, tailwater gage height, 44.82 ft, minimum daily, 1,000 ft^3/s Sept. 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 50,000 ft^3/s, Mar. 10; maximum tailwater gage height, 34.13 ft Mar. 13; minimum daily, 1,010 ft^3/s Oct. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1100	1780	4910	33500	20800	37000	48000	40400	38500	8000	2800	6000
2	1150	1930	7020	34800	20600	37000	47500	40000	37000	6000	3300	7000
3	1150	1680	14900	30900	20400	38000	47000	39400	36000	4500	3800	5000
4	1150	1730	18000	31500	19800	39000	46500	38500	34200	3500	4000	4000
5	1320	1250	19500	32700	19200	43000	46000	38000	33200	2800	4500	3500
6	1290	1020	20500	31700	18300	46000	45900	37500	32100	2600	4800	3400
7	1170	1120	21500	30900	16800	49000	45800	36900	32000	2500	4900	3000
8	1170	1170	22400	30000	15600	49400	45700	36800	31600	2700	5000	2700
9	1230	1370	24800	29100	14500	49800	45800	36500	30900	3000	6500	2500
10	1340	1210	27600	28800	14100	50000	46000	36400	29900	3200	8000	2400
11	1300	1200	29900	28500	13800	49900	46500	36200	28600	3800	9000	2800
12	1310	1240	31200	28000	20600	49000	47000	37000	27000	4700	12000	4800
13	1130	1250	32400	27600	26300	48000	46800	38000	19000	4100	14000	6400
14	1110	1170	33800	27200	28600	47500	46600	38500	13500	3500	15000	6300
15	1120	1360	35000	26900	30500	47100	46400	39500	13000	3800	17000	5800
16	1110	1280	35000	25600	32400	47200	46000	40000	12000	3700	19000	4900
17	1110	1040	35100	25100	33700	47300	45500	41500	11500	3600	20000	5000
18	1140	1040	35300	25100	35000	47400	45000	43000	10000	3500	21000	5100
19	1050	1400	35000	24800	36000	47500	44800	43100	8400	3400	22000	5000
20	1090	1570	34000	24000	36700	47600	44800	43200	7800	3000	21500	4800
21	1200	1700	34300	24500	37500	48500	44800	43300	7200	2800	17500	4700
22	2180	1840	34400	23800	38000	48600	44700	43400	6800	3000	21000	4900
23	1810	2490	34600	22000	38500	48700	44800	43500	5800	2900	22500	4800
24	1970	3100	34000	20700	38000	48700	44700	43500	5200	2600	22500	4700
25	1770	2640	33000	20200	37500	48600	44800	43000	5000	2300	21800	4500
26	1020	2860	34000	20100	37000	48500	44700	42500	7000	2100	20400	5000
27	1010	3430	34500	20300	36800	48700	44200	42000	10000	2000	18200	7400
28	1030	3560	34600	20400	36500	48600	41500	41500	11000	1950	15900	6200
29	1120	3460	34500	20600	36000	48500	41000	41000	10500	1900	12800	5000
30	1430	3770	34000	20800	---	48500	40500	40500	10000	1850	11900	4000
31	2190	---	33800	20900	---	48200	---	40000	---	2200	10000	---
TOTAL	40270	55660	893530	811000	809500	1450800	1359300	1244600	564700	101500	412600	143600
MEAN	1299	1855	28820	26160	27910	46800	45310	40150	18820	3274	13310	4787
MAX	2190	3770	35300	34800	38500	50000	48000	43500	38500	8000	22500	8000
MIN	1010	1020	4910	20100	13800	37000	40500	36200	5000	1850	2800	2400
AC-FT	79880	110400	1772000	1609000	1606000	2878000	2696000	2469000	1120000	201300	818400	284800

CAL YR 1983 TOTAL 10467780 MEAN 28680 MAX 79500 MIN 1000 AC-FT 20763000
WTR YR 1984 TOTAL 7887060 MEAN 21550 MAX 50000 MIN 1010 AC-FT 15644000

07367640 OUACHITA RIVER AT COLUMBIA, LA
(National stream-quality accounting network station)

LOCATION.--Lat 32°06'28", long 92°04'27", NE1/4SE1/4 sec.17, T.13 N., R.4 E., Caldwell Parish, Hydrologic Unit 08040207 on downstream side of bridge on U.S. Highway 165 at Columbia, 2.1 mi downstream from Bayou de Chene, and 4.2 mi downstream from Columbia Lock and Dam (station 07367630).

DRAINAGE AREA.--15,700 mi^2, approximately.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1981.
WATER TEMPERATURES: October 1975 to September 1981.

INSTRUMENTATION.--Water-quality monitor October 1975 to April 1981.

REMARKS.--Water-quality monitor removed April 1981. Samples for daily temperature and specific conductance were collected by an observer May to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 618 micromhos Oct. 3, 1977; minimum daily, 69 micromhos Mar. 4, 1975.
WATER TEMPERATURES: Maximum daily, 34.0°C, on several days in July and August 1981; minimum, 2.5°C Jan. 15, 1979.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
03...	1625	1150	369	6.8	26.0	20	6.9	8.0	.4	K4	2200
DEC											
06...	0915	20500	310	6.2	12.5	60	83	8.9	2.0	900	5100
FEB											
23...	1130	36500	96	5.9	14.5	60	42	7.6	1.2	K20	48
APR											
02...	1800	47500	99	6.3	15.5	80	22	6.4	.7	K20	K230
JUN											
08...	0830	31600	132	6.5	24.5	60	14	4.8	1.1	K30	K50
AUG											
15...	1130	17000	298	6.8	28.5	50	15	5.8	.9	28	K14

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT									
03...	44	12	3.4	52	2.4	24	21	80	.1
DEC									
06...	39	11	2.9	39	2.3	14	13	71	<.1
FEB									
23...	19	5.1	1.4	11	1.6	9	8.4	18	<.1
APR									
02...	19	5.4	1.4	9.8	1.3	12	9.2	15	.1
JUN									
08...	25	6.9	1.9	13	1.7	16	9.8	21	.1
AUG									
15...	41	11	3.4	36	2.8	23	17	60	.2

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
03...	8.2	202	193	.40	.06	.4	.07	--	.05
DEC									
06...	5.3	170	152	.28	.22	.4	.11	.03	.03
FEB									
23...	6.2	60	57	<.10	.09	.3	.07	.02	.01
APR									
02...	5.9	78	55	<.10	.24	.5	.04	.01	<.01
JUN									
08...	6.5	89	70	.11	.15	1.4	.11	.07	.04
AUG									
15...	[illegible].1	160	153	.41	.09	1.1	--	<.10	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

BEST COPY AVAILABLE

07367640 OUACHITA RIVER AT COLUMBIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
03...	30	1	96	<1	<1	<1	<3	7	350	1
FEB										
23...	100	1	49	<.5	<1	<1	<3	2	220	2
APR										
02...	70	1	48	<1	<1	20	<3	4	360	3
AUG										
15...	20	2	96	<1	<1	<1	<3	3	92	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
03...	5	220	<.1	<10	1	<1	2	320	<6	17
FEB										
23...	<4	68	.1	<10	<1	<1	<1	100	<6	11
APR										
02...	<4	74	.2	<10	3	<1	<1	100	<6	10
AUG										
15...	<4	84	.4	<10	2	<1	<1	240	<6	8

DATE	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, DISSOLVED (PCI/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226 DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
OCT										
03...	<4.2	1.0	--	.7	<2.7	<.7	<2.3	<.7	.06	.02
APR										
02...	1.6	.8	1.1	.5	2.6	.9	2.3	.7	.06	.10

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
03...	22	69	55
DEC			
06...	98	5420	91
FEB			
23...	41	4260	98
APR			
02...	35	4490	80
JUN			
08...	27	4490	72
AUG			
15...	22	1010	62

< Actual value is known to be less than the value shown.

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE

LOCATION.--Lat 32°58'25", long 91°26'25", in NE1/4NE1/4 sec.21, T.23 N., R.10 E., Morehouse - West Carroll Parish line, Hydrologic Unit 08050001, near left bank on downstream side of bridge on State Highway 835, 2.0 mi downstream from Arkansas-Louisiana State line, and 7.5 mi southwest of Kilbourne.

DRAINAGE AREA.--785 mi^2 (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to September 1973 (annual maximum gage heights and daily discharges below 200 ft^3/s only). October 1973 to September 1979 (daily gage heights and daily discharges below 200 ft^3/s only). October 1979 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 72.11 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Dec. 31, 1957, nonrecording gage, Dec. 31, 1957 to Oct. 1, 1961, water-stage recorder on left bank 300 ft upstream. Prior to Oct. 1, 1978, datum 2.00 ft higher. May 4, 1959 to Dec. 4, 1962, auxiliary nonrecording gage and Dec. 5, 1962 to Apr. 6, 1969, auxiliary water-stage recorder 1.7 mi downstream from base gage at datum 74.35 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Diversions above and below station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. In extreme floods, considerable flow bypasses station. Flow reenters and passes stations Bayou Lafourche near Crew Lake (station 07369000) and Boeuf River near Girard (station 07368000).

AVERAGE DISCHARGE.--11 years (water years 1958-68), 952 ft^3/s, 689,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft^3/s Feb. 11, 1966; maximum gage height, 26.07 ft, present datum, Dec. 29, 1982; no flow at times in 1966, 1974, 1977, and 1978, result of pumping for irrigation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 15, 1948, reached a stage of 24.8 ft present datum (from records of Corps of Engineers, Vicksburg district).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.06 ft Dec. 6; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.29	1.11	4.65	---	4.24	5.40	4.33	4.05	3.77	6.97	3.77	3.87
2	2.22	1.55	4.36	---	4.18	4.63	4.17	5.07	3.11	5.02	3.70	3.99
3	2.18	1.92	18.05	---	4.28	4.39	9.92	9.57	2.29	4.29	3.16	3.98
4	2.19	2.18	24.10	---	4.31	4.87	8.45	15.17	1.52	3.96	3.69	4.04
5	2.45	2.38	24.83	---	4.24	20.78	5.97	14.26	1.50	3.70	6.19	4.04
6	2.50	2.52	25.03	---	4.14	23.28	4.75	11.04	1.49	3.59	8.16	4.14
7	2.41	2.66	24.80	---	4.09	23.09	4.34	9.10	9.98	3.08	7.18	4.86
8	2.31	2.79	24.35	---	4.09	20.72	6.52	7.85	13.36	2.42	5.53	4.83
9	2.26	3.04	23.22	---	4.03	14.70	15.97	9.00	10.33	1.81	5.25	4.99
10	2.19	3.44	20.24	---	5.27	6.35	13.07	8.42	5.63	1.70	5.62	5.20
11	2.14	3.58	19.30	---	10.12	4.86	6.20	6.23	4.50	1.80	5.21	5.26
12	2.06	3.57	20.69	---	16.70	4.46	4.97	4.78	4.06	---	6.28	5.05
13	1.94	3.55	19.35	---	23.72	4.39	4.50	4.41	3.90	---	5.35	5.20
14	1.82	3.62	17.25	---	24.27	4.74	4.27	4.30	3.72	---	6.27	5.28
15	2.00	3.66	13.81	---	23.96	4.85	4.13	4.42	3.88	---	7.62	5.30
16	2.31	3.88	9.45	---	22.38	4.51	4.07	4.08	4.17	---	7.23	5.20
17	2.47	3.77	6.93	---	18.03	13.02	4.02	3.89	4.29	---	5.43	4.98
18	2.21	3.67	6.20	4.53	10.75	16.42	3.98	3.78	3.92	5.25	4.74	4.80
19	1.99	3.63	5.91	4.56	6.08	10.51	5.62	3.82	3.86	4.87	4.48	4.74
20	1.91	4.51	5.44	4.23	5.23	5.68	6.88	3.87	3.77	4.35	4.34	4.72
21	1.93	5.16	4.99	4.10	4.87	4.77	5.29	4.00	3.85	3.96	4.09	5.14
22	1.96	5.07	16.82	4.07	4.63	4.45	12.67	3.92	3.95	3.78	4.00	5.20
23	1.88	9.19	18.89	4.11	4.41	4.33	11.20	---	4.22	3.52	4.04	5.42
24	1.83	16.34	---	15.77	4.27	4.29	7.02	---	3.96	3.05	4.00	5.35
25	1.54	14.84	---	15.90	4.19	4.22	5.04	3.63	3.69	2.13	4.22	5.48
26	1.34	10.73	---	10.87	4.14	4.14	4.43	3.37	3.20	1.55	4.04	5.58
27	1.21	8.68	---	6.12	13.67	4.11	6.70	4.13	2.21	1.54	4.09	5.41
28	1.08	6.25	---	5.10	14.17	5.21	5.25	3.91	1.43	1.53	3.98	5.38
29	.97	6.60	---	4.73	8.46	6.02	4.40	4.52	1.40	4.61	3.91	5.33
30	.97	5.47	---	4.48	---	5.56	4.20	4.20	7.73	4.25	3.90	5.21
31	.99	---	---	4.31	---	4.71	---	3.99	---	4.03	3.83	---
MAX	2.50	16.34	25.03	---	24.27	23.28	15.97	15.17	13.36	6.97	8.16	5.58
MIN	.97	1.11	4.36	4.07	4.03	4.11	3.98	3.37	1.40	---	3.16	3.87

07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1958, 1966-72, 1976-77, 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
05...	1120	453	7.7	23.5	10	10	10.6	3.5	K1200
JAN									
11...	1105	96	6.3	3.5	200	370	11.0	4.2	550
APR									
04...	1030	105	6.8	15.0	120	450	8.3	3.3	540
JUL									
18...	1030	309	7.4	28.5	20	230	5.6	2.8	K2600

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
05...	130	150	37	13	30	6.3	108	25	56
JAN									
11...	K28000	25	6.3	2.2	6.7	2.3	18	10	9.5
APR									
04...	11000	29	7.5	2.5	6.3	2.1	23	8.5	7.1
JUL									
18...	2400	93	24	8.0	23	4.2	64	13	45

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
05...	.2	11	259	244	<.1	.8	.13
JAN							
11...	<.1	4.0	74	52	.8	1.2	.39
APR							
04...	<.1	4.6	59	52	1.1	1.5	.35
JUL							
18...	.3	9.1	191	165	.7	1.0	.15

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07367700 BOEUF RIVER NEAR ARKANSAS-LOUISIANA STATE LINE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)
JAN												
11...	1	1	<1	<1	1	<1	5	11	160	190	2	<10

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
05...	--	--	--	--	--	9.0	--	--	<.1	6	<.1	<1
JAN												
11...	14	22	<.01	25	3	--	<.01	3	--	--	--	--

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
05...	<.01	<.1	<.1	4	<.01	15	<.01	18	<.01	7.7	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
OCT												
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT												
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT												
05...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.02	.01	.98	<.01

< Actual value is known to be less than the value shown.

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07368000 BOEUF RIVER NEAR GIRARD, LA

LOCATION.--Lat 32°28'52", long 91°47'52", on line between sec. 1, T.17 N., R. 6 E., and sec.6., T.17 N., R.7 E., Hydrologic Unit 08050001, on downstream side of bridge on U.S. Highway 80, and 0.5 mi east of Girard.

DRAINAGE AREA.--1,226 mi^2 (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Daily gage heights as follows: 1886-94 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg district; since January 1932 in reports of Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is 49.42 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Nov. 3, 1955, nonrecording gage at sites within 200 ft upstream. Prior to Oct. 1, 1966, at datum 2.[illegible] ft higher. Water-stage recorder for Boeuf River southwest of Rayville (station 07368040) used as auxiliary gage for this station. Nov. 20, 1962, to Sept. 30, 1974, at datum 0.60 ft lower. See WSP 2120 for changes prior to Nov. 20, 1962.

REMARKS.--Records fair. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from Bayou Bartholomew basin passes this station.

AVERAGE DISCHARGE.--46 years, 352 ft^3/s, 255,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,070 ft^3/s May 2, 1958; maximum gage height, 21.51 ft May 6, 1958, present datum; minimum discharge, 5.8 ft^3/s June 11, 1982; minimum gage height, 2.61 ft June 25, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 7, 1927, reached a stage of 31.7 ft, present site and datum, (affected by overflow from Mississippi River).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,570 ft^3/s Mar. 7, gage height, 15.19 ft; minimum discharge, 8.6 ft^3/s Sept. 16, 17; minimum gage height, 2.87 ft Nov. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	9.8	100	55	87	365	74	194	19	86	17	10
2	15	11	70	58	71	252	140	136	16	81	16	9.8
3	14	11	565	47	61	284	478	386	15	66	16	9.8
4	13	12	940	40	53	304	588	532	14	49	17	9.7
5	12	12	1070	39	49	929	462	515	13	36	20	9.4
6	12	12	1170	40	47	1360	302	469	15	27	47	9.3
7	12	13	1190	42	44	1530	197	387	26	22	59	9.3
8	12	12	1160	41	40	1540	291	300	78	19	65	9.2
9	12	12	1130	37	40	1430	461	216	174	19	60	9.3
10	12	12	1110	65	142	1200	523	165	210	18	49	9.1
11	12	11	1190	176	142	779	530	132	149	18	38	9.1
12	12	11	1160	384	683	454	362	103	95	18	30	9.1
13	11	11	1080	366	1230	277	228	75	67	32	28	9.0
14	11	12	992	239	1420	192	153	55	48	75	67	8.8
15	11	11	872	151	1450	156	119	42	34	66	67	8.8
16	12	9.8	694	102	1430	146	102	33	25	48	54	8.6
17	12	9.7	493	76	1360	258	91	29	21	36	51	8.7
18	12	9.1	321	76	1210	409	82	25	19	29	44	9.0
19	12	10	234	86	828	528	82	23	19	24	32	9.4
20	12	13	169	85	550	452	89	22	18	24	59	9.7
21	12	14	120	68	300	293	134	21	17	26	37	9.8
22	13	23	180	53	189	189	136	21	15	24	25	10
23	13	153	270	90	111	135	215	20	14	21	20	11
24	13	236	450	243	82	106	305	20	13	19	17	11
25	13	331	540	479	74	89	233	20	12	18	13	11
26	12	352	500	591	80	77	198	21	11	18	12	11
27	12	319	300	498	219	73	703	26	25	19	12	11
28	12	244	170	328	362	175	688	50	25	20	12	10
29	12	201	90	213	446	90	504	44	44	20	12	9.7
30	12	148	51	147	---	80	315	31	85	20	11	9.9
31	10	---	47	112	---	76	---	23	---	17	11	---
TOTAL	381	2245.4	18428	5027	12800	14228	8785	4136	1336	1015	1018	289.5
MEAN	12.3	74.8	594	162	441	459	293	133	44.5	32.7	32.8	9.65
MAX	16	352	1190	591	1450	1540	703	532	210	86	67	11
MIN	10	9.1	47	37	40	73	74	20	11	17	11	8.6
AC-FT	756	4450	36550	9970	25390	28220	17430	8200	2650	2010	2020	574

CAL YR 1983 TOTAL 89529.1 MEAN 245 MAX 1800 MIN 6.2 AC-FT 177600
WTR YR 1984 TOTAL 69688.9 MEAN 190 MAX 1540 MIN 8.6 AC-FT 138200

07368000 BOEUF RIVER NEAR GIRARD, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.13	2.88	5.40	4.97	4.85	7.99	4.96	6.86	4.50	6.12	4.14	3.88
2	3.08	2.92	5.03	4.93	4.62	6.98	5.49	6.11	4.41	5.78	4.11	3.86
3	3.04	2.96	9.78	4.72	4.48	7.01	9.06	8.19	4.36	5.34	4.11	3.87
4	3.00	2.99	12.41	4.62	4.37	7.26	9.63	9.11	4.32	4.92	4.14	3.86
5	2.96	3.00	13.14	4.58	4.32	12.09	8.90	8.99	4.29	4.65	4.22	3.85
6	2.95	3.00	13.75	4.58	4.28	14.19	7.59	8.62	4.30	4.48	4.72	3.83
7	2.96	3.02	13.85	4.60	4.24	15.01	7.49	8.01	4.57	4.36	4.89	3.84
8	2.96	3.02	13.76	4.58	4.19	15.15	7.60	7.41	5.25	4.28	4.97	3.83
9	2.96	3.01	13.60	4.50	4.19	14.81	8.99	6.84	6.16	4.27	4.91	3.84
10	2.96	2.99	13.44	4.87	5.53	13.76	9.21	6.40	6.45	4.21	4.75	3.84
11	2.97	2.97	14.25	5.98	5.45	11.68	9.17	6.13	6.00	4.19	4.59	3.84
12	2.95	2.97	14.07	7.76	10.78	9.47	8.07	5.83	5.34	4.18	4.46	3.84
13	2.94	2.98	13.55	7.81	13.72	7.80	6.87	5.46	4.91	4.46	4.43	3.83
14	2.93	2.99	12.96	6.86	14.61	6.65	6.03	5.15	4.68	5.08	5.00	3.82
15	2.93	3.00	12.21	6.02	14.86	5.99	5.53	4.95	4.50	4.96	5.00	3.81
16	2.96	2.99	11.11	5.40	14.88	5.74	5.26	4.81	4.37	4.72	4.84	3.81
17	2.97	3.02	9.68	4.98	14.59	6.82	5.10	4.74	4.29	4.53	4.80	3.82
18	2.98	3.02	8.25	4.98	13.91	7.86	4.98	4.67	4.25	4.40	4.70	3.84
19	2.98	3.14	7.10	5.07	12.35	8.82	5.02	4.61	4.28	4.31	4.50	3.87
20	2.98	3.32	6.26	5.00	10.15	8.51	5.11	4.58	4.30	4.32	4.97	3.88
21	2.99	3.40	5.76	4.75	8.30	7.39	5.63	4.57	4.27	4.37	4.70	3.89
22	3.02	3.76	6.25	4.52	7.01	6.40	5.72	4.57	4.24	4.33	4.44	3.92
23	3.02	5.66	7.28	5.02	6.22	5.76	6.33	4.55	4.21	4.25	4.29	3.94
24	3.02	6.31	8.65	6.82	5.74	5.38	7.08	4.53	4.20	4.19	4.14	3.98
25	3.01	7.23	---	8.43	5.39	5.14	6.69	4.54	4.18	4.17	4.02	3.99
26	2.99	7.64	---	9.11	5.55	4.99	7.00	4.57	4.17	4.15	3.97	3.96
27	2.99	7.70	---	8.68	7.05	4.96	11.01	4.69	4.51	4.18	3.95	3.95
28	2.98	7.22	---	7.57	7.97	6.09	10.85	5.08	4.56	4.22	3.96	3.91
29	2.97	6.59	---	6.51	8.55	5.34	9.54	4.98	5.40	4.24	3.96	3.90
30	2.97	5.93	4.98	5.75	---	5.11	8.05	4.77	6.44	4.22	3.93	3.91
31	2.90	---	4.89	5.22	---	5.04	---	4.61	---	4.14	3.93	---
MAX	3.13	7.70	14.25	9.11	14.88	15.15	11.01	9.11	6.45	6.12	5.00	3.99
MIN	2.90	2.88	4.89	4.50	4.19	4.96	4.96	4.53	4.17	4.14	3.93	3.81

07368040 BOEUF RIVER SOUTHWEST OF RAYVILLE, LA

LOCATION.--Lat 32°25'40", long 91°49'05", in SW1/4NE1/4 sec.26, T.17 N., R.6 E., Richland Parish, Hydrologic Unit 08050001, on left bank 5.0 mi southwest of Rayville, and 6.4 mi downstream from gaging station Boeuf River near Girard (station 07368000).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1974 to current year (gage heights only). Unpublished records from February 1945 to December 1952, and November 1962 to September 1974 are available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft National Geodetic Vertical Datum of 1929. Prior to Dec. 8, 1952, nonrecording gage and prior to Sept. 30, 1974, at datum 0.60 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.44 ft Dec. 29, 1982; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1962, 15.51 ft, present datum, Mar. 20, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.01 ft Mar. 8; minimum, 1.61 ft Nov. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.71	1.65	4.12	4.04	3.85	6.05	3.56	5.60	3.13	5.33	2.04	3.09
2	1.69	1.63	3.90	3.82	3.67	5.34	4.07	4.87	3.08	4.85	1.97	3.05
3	1.69	1.63	7.69	3.67	3.55	5.19	7.28	6.39	3.05	4.36	1.94	3.02
4	1.68	1.62	9.85	3.58	3.47	5.52	7.56	7.02	3.02	3.95	1.90	2.98
5	1.67	1.64	10.32	3.51	3.42	9.80	7.13	6.94	2.99	3.66	1.90	2.96
6	1.65	1.64	10.79	3.47	3.35	11.18	6.12	6.61	2.99	3.43	2.02	2.92
7	1.65	1.65	10.82	3.45	3.30	11.81	5.19	6.15	3.18	3.25	2.32	2.90
8	1.65	1.66	10.75	3.44	3.25	11.99	6.20	5.68	3.35	3.13	2.51	2.89
9	1.65	1.66	10.61	3.40	3.24	11.85	7.27	5.16	3.94	3.05	2.55	2.87
10	1.66	1.67	10.49	3.60	4.21	11.18	7.26	4.73	4.35	2.98	2.54	2.87
11	1.67	1.67	11.56	3.97	4.10	9.73	7.15	4.46	4.28	2.91	2.47	2.87
12	1.68	1.67	11.35	5.13	8.97	7.98	6.44	4.20	3.88	2.84	2.36	2.86
13	1.68	1.66	10.88	5.59	11.05	6.53	5.48	3.90	3.57	2.88	2.31	2.84
14	1.67	1.65	10.38	5.09	11.62	5.44	4.73	3.67	3.47	3.05	2.49	2.82
15	1.65	1.67	9.74	4.57	11.82	4.68	4.24	3.50	3.34	3.13	2.77	2.80
16	1.64	1.67	8.87	4.18	11.92	4.30	3.95	3.39	3.25	3.10	2.76	2.77
17	1.64	1.67	7.75	3.90	11.69	4.96	3.74	3.31	3.17	3.03	2.72	---
18	1.64	1.66	6.55	3.92	11.22	5.41	3.57	3.25	3.11	2.94	2.70	---
19	1.64	1.69	5.12	3.86	---	6.25	3.54	3.20	3.15	2.87	2.62	---
20	1.65	1.95	---	3.64	---	6.33	3.51	3.20	3.13	2.80	3.95	---
21	1.65	1.98	---	3.58	---	5.63	3.70	3.21	3.08	2.73	4.01	---
22	1.68	2.40	---	3.57	5.59	4.86	3.97	3.22	3.02	2.66	3.82	---
23	1.68	4.38	---	4.00	---	4.31	4.16	3.23	2.96	2.60	3.70	---
24	1.68	4.54	---	5.26	---	3.99	4.85	3.25	2.89	2.52	3.57	---
25	1.68	5.19	---	6.11	3.94	3.77	4.87	3.22	2.82	2.45	3.46	---
26	1.68	5.73	---	6.38	4.10	3.62	5.62	3.19	2.76	2.38	3.36	---
27	1.68	6.06	---	6.44	5.42	3.53	9.08	3.18	3.04	2.31	3.29	---
28	1.68	5.83	---	5.86	5.81	4.09	8.97	3.18	3.39	2.29	3.24	---
29	1.67	5.13	---	5.09	6.27	3.93	7.94	3.18	4.80	2.24	3.20	---
30	1.67	4.47	3.73	4.50	---	3.72	6.68	3.18	5.84	2.19	3.15	---
31	1.66	---	3.73	4.11	---	3.63	---	3.17	---	2.12	3.12	---
MAX	1.71	6.06	11.56	6.44	11.92	11.99	9.08	7.02	5.84	5.33	4.01	3.09
MIN	1.64	1.62	---	3.40	3.24	3.53	3.51	3.17	2.76	2.12	1.90	---

07369000 BAYOU LAFOURCHE NEAR CREW LAKE, LA

LOCATION.--Lat 32°29'55", long 91°55'05", in NW1/4SW1/4 sec. 36, T.18N., R.5E., Ouachita - Richland Parish line, Hydrologic Unit 08050001, near center of span on downstream side of bridge on U.S. Highway 80, 1.1 mi upstream from Illinois Central Gulf Railroad bridge, and 2.5 mi west of town of Crew Lake.

DRAINAGE AREA.--361 mi^2 (see REMARKS).

PERIOD OF RECORD.--October 1938 to current year. Prior to December 1938 monthly discharge only, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 37.08 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Aug. 10, 1944, nonrecording gage, Aug. 10, 1944, to June 5, 1952, water-stage recorder, and June 6 to September 30, 1952, nonrecording gage, all at same site at datum 19.00 ft higher. Water-stage recorder for Bayou Lafourche near Alto (station 07369050) used as auxiliary gage for this station since Oct. 1, 1957.

REMARKS.--Records fair. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined. Boeuf River and Bayou Lafourche basins are connected by canal upstream. In extreme floods, considerable flow from the Bayou Bartholomew basin passes this station.

AVERAGE DISCHARGE.--46 years, 1,740 ft^3/s, 1,260,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26,800 ft^3/s May 2, 1958; maximum gage height, 29.32 ft Jan. 2, 1983. Maximum daily reverse flow 190 ft^3/s June 4, 1984; no flow at times in August, September, and October 1952, June 1984, result of pumping for irrigation.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 17,000 ft^3/s was measured Dec. 24, 1931 (from reports of Corps of Engineers, Vicksburg district).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,500 ft^3/s Mar. 8, gage height, 27.25 ft; minimum discharge, unaffected by pumping, 22 ft^3/s, Nov. 17, gage height, 1.10 ft. Maximum daily reverse flow 190 ft^3/s June 4; no flow June 1, 5, result of pumping for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	29	1250	1300	864	3820	900	3500	-20	3330	151	261
2	80	28	981	1200	896	1960	1240	5000	-40	1770	101	259
3	77	28	7520	1010	1020	2200	11900	6830	-90	843	163	279
4	73	28	15200	1340	1210	4300	11300	9830	-190	635	295	330
5	80	28	16200	1650	886	15600	5600	8790	10	337	1050	322
6	73	27	16900	1720	678	19200	2700	7060	200	203	2260	322
7	71	27	17400	1440	532	21000	2480	5160	2220	163	2830	310
8	66	27	17800	1100	462	21200	5780	3790	5900	136	2220	293
9	59	28	17900	936	472	20200	12300	3670	5690	181	1500	266
10	53	28	17300	3910	1480	17200	11200	3580	3360	158	1290	284
11	52	27	17200	8770	4650	13100	6280	2620	1210	135	1180	340
12	51	27	17100	7140	11900	9500	2770	2000	700	104	1390	298
13	49	28	16600	3050	17600	5240	1500	1600	600	114	1870	303
14	46	27	15800	1340	19400	3430	1000	1300	500	198	1240	289
15	40	26	14400	975	20300	3190	750	1000	400	202	2120	259
16	38	25	12500	983	20600	2750	600	800	350	106	2660	235
17	35	23	9370	942	19900	8590	500	600	769	107	2050	227
18	35	32	5540	1410	17600	11900	450	450	649	741	1120	203
19	35	44	3400	1600	13500	10000	1940	350	350	1040	741	148
20	35	139	2150	1260	9750	5630	5200	280	250	672	2280	111
21	34	667	1360	989	5160	3070	2830	400	200	355	2790	174
22	33	1320	6270	806	3140	2310	6670	300	170	187	1380	179
23	32	4420	11500	2010	1830	2010	8390	200	140	123	831	180
24	31	9100	11200	9740	1390	1880	5010	150	130	94	719	179
25	30	9480	8500	11900	1160	1720	2130	90	120	87	696	104
26	29	7210	6000	9110	1490	1630	1310	65	118	86	632	195
27	29	5290	4500	5060	8670	1470	6770	45	589	100	465	207
28	28	4140	3000	2740	11000	2640	4680	30	1300	117	428	164
29	28	2780	2500	1860	7700	2800	1710	20	2620	179	367	139
30	29	2140	1640	1340	---	2490	2500	15	3940	373	328	121
31	29	---	1500	926	---	1380	---	10	---	257	312	---
TOTAL	1473	47223	300481	89557	205240	223410	128390	69535	32145	13133	37459	6901
MEAN	47.5	1574	9693	2889	7077	7207	4280	2243	1072	424	1208	233
MAX	93	9480	17900	11900	20600	21200	12300	9830	5900	3330	2830	340
MIN	28	23	981	806	462	1380	450	10	-190	86	101	104
AC-FT	2920	93670	596000	177600	407100	443100	254700	137900	63760	26050	74300	13850

CAL YR 1983 TOTAL 1320130 MEAN 3617 MAX 21200 MIN 23 AC-FT 2618000
WTR YR 1984 TOTAL 1155027 MEAN 3156 MAX 21200 MIN -190 AC-FT 2291000

07369000 BAYOU LAFOURCHE NEAR CREW LAKE--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.80	---	7.03	9.69	5.61	15.29	10.01	12.36	9.96	11.94	2.30	2.55
2	1.69	---	5.34	8.96	4.80	12.36	10.60	12.16	9.77	9.19	1.99	2.54
3	1.67	---	15.09	8.60	4.84	12.20	21.44	17.71	9.53	6.36	2.36	2.61
4	1.63	---	24.91	8.48	5.26	14.47	21.77	20.28	9.27	4.30	2.95	2.81
5	1.69	---	25.63	8.48	4.54	24.77	17.45	19.59	8.96	3.11	5.10	2.78
6	1.62	---	26.10	8.29	4.07	26.44	14.03	18.15	8.61	2.57	7.68	2.78
7	1.61	---	26.34	7.44	3.71	26.98	12.78	16.07	11.10	2.37	8.80	2.73
8	1.56	---	26.49	6.32	3.52	27.20	17.15	14.48	15.47	2.22	7.59	2.66
9	1.50	---	26.55	5.38	3.55	27.16	22.09	13.82	15.81	2.47	6.19	2.57
10	1.45	---	26.52	10.62	5.84	26.70	21.65	13.55	13.09	2.35	5.73	2.63
11	1.43	---	26.70	18.45	12.16	25.73	18.46	12.53	10.02	2.22	5.46	2.85
12	1.42	---	26.73	17.61	21.55	24.23	14.87	10.86	8.51	2.01	5.94	2.68
13	1.40	---	26.63	12.27	25.85	21.73	13.60	10.09	7.30	2.07	6.93	2.70
14	1.37	---	26.41	8.36	26.49	19.06	12.89	9.68	6.30	2.54	5.61	2.65
15	---	1.15	25.96	6.93	26.82	17.15	12.34	9.53	5.07	2.56	7.40	2.54
16	---	1.14	25.13	6.28	27.03	16.01	11.93	9.45	3.96	2.02	8.44	2.46
17	---	1.11	23.46	5.52	27.01	19.85	11.66	9.37	4.38	2.03	7.27	2.43
18	---	1.23	20.08	6.50	26.65	22.57	11.47	9.41	4.04	4.25	5.28	2.34
19	---	1.38	16.50	7.21	25.72	21.76	12.12	9.47	---	5.11	4.15	2.10
20	---	2.23	14.07	6.43	24.07	18.33	15.02	9.56	---	4.10	7.53	1.91
21	---	3.99	12.64	5.21	20.86	15.37	13.32	9.68	---	3.17	8.70	2.22
22	---	5.50	16.77	4.36	16.94	14.27	16.35	9.90	---	2.49	5.89	2.24
23	---	11.70	21.54	6.82	13.88	13.60	18.44	9.81	---	2.14	4.45	2.24
24	---	18.83	21.78	19.41	12.51	13.05	15.75	9.88	---	1.93	4.08	2.24
25	---	19.73	---	22.05	11.56	12.51	12.96	10.03	---	1.87	4.00	1.86
26	---	17.89	---	20.49	11.54	12.08	12.51	10.06	2.11	1.86	3.80	2.30
27	---	15.76	---	16.25	19.68	11.58	17.92	10.17	3.86	1.98	3.30	2.35
28	---	14.07	13.63	12.30	21.87	12.11	16.47	10.15	6.17	2.10	3.18	2.17
29	---	11.24	---	9.99	19.68	11.84	13.80	10.06	8.61	2.41	2.96	2.06
30	---	9.44	11.97	8.34	---	11.52	12.85	10.13	12.64	3.25	2.80	1.97
31	---	---	10.84	6.70	---	10.67	---	10.09	---	2.81	2.74	---
MAX	1.80	19.73	26.73	22.05	27.03	27.20	22.09	20.28	15.81	11.94	8.80	2.85
MIN	---	1.11	5.34	4.36	3.52	10.67	10.01	9.37	2.11	1.86	1.99	1.86

07369050 BAYOU LAFOURCHE NEAR ALTO, LA

LOCATION.--Lat 32°23'50", long 91°59'40", in NW1/4SE1/4 sec.6, T.16 N., R.5 E., Ouachita - Richland Parish line, Hydrologic Unit 08050001, at bridge on State Highway 15, 8 mi west of Alto, 9.5 mi downstream from gaging station Bayou Lafourche near Crew Lake (station 07369000), and 40 mi upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1973 to current year (elevations only). April 1946 to September 1973 published in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 63.70 ft Jan. 5, 1983; minimum, 33.88 ft Nov. 14, 1983.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since April 1946, 63.8 ft Apr. 23, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 61.18 ft Mar. 9; minimum, 33.88 ft Nov. 14.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35.19	34.53	42.77	46.61	41.52	50.92	46.45	48.89	46.51	47.08	35.77	36.58
2	35.16	34.44	41.02	45.31	40.47	48.44	46.94	48.61	46.33	44.83	35.43	36.43
3	35.12	34.42	48.93	44.80	39.81	48.16	55.85	52.68	46.09	42.27	35.74	36.36
4	35.07	34.44	58.18	44.45	39.97	49.70	56.49	54.76	45.81	39.98	36.37	36.50
5	35.02	34.44	58.93	44.18	39.32	58.46	53.02	54.23	45.51	38.01	38.41	36.55
6	35.00	34.36	59.35	43.86	38.72	59.90	50.15	53.11	45.16	36.57	41.26	36.50
7	35.05	34.51	59.67	43.06	38.27	60.54	49.13	51.41	46.85	35.90	42.80	36.45
8	35.04	34.49	59.96	42.06	37.96	60.95	52.59	50.11	49.89	35.67	42.14	36.33
9	34.91	34.34	60.13	41.15	37.87	61.13	56.57	49.45	50.49	36.55	40.69	36.23
10	34.84	34.25	60.24	44.49	40.39	61.07	56.32	49.16	48.55	35.96	40.04	36.29
11	34.91	34.03	60.64	51.82	45.89	60.60	53.94	48.42	46.24	35.71	39.75	36.51
12	34.88	33.96	60.71	52.02	55.51	59.59	51.01	47.24	44.96	35.56	39.91	36.38
13	34.68	34.01	60.70	47.78	59.38	57.70	49.94	46.62	43.82	36.50	41.00	36.32
14	34.84	33.97	60.60	44.32	60.04	55.04	49.33	46.25	42.80	38.50	39.94	36.35
15	34.86	34.25	60.32	42.95	60.48	53.20	48.85	46.09	41.55	38.89	41.20	36.21
16	34.85	34.07	59.76	42.16	60.80	52.10	48.49	46.01	40.26	37.57	42.48	36.09
17	34.92	33.98	58.58	41.31	60.94	54.35	48.23	45.97	39.31	36.37	41.68	36.00
18	34.93	34.06	55.79	41.86	60.89	56.61	48.05	46.00	38.56	37.26	39.86	35.91
19	34.94	34.79	52.43	42.53	60.46	56.35	48.32	46.06	37.54	39.07	38.56	35.70
20	35.00	36.17	50.22	41.98	59.34	53.77	50.23	46.14	36.79	38.19	43.34	35.46
21	34.95	37.25	48.95	40.85	56.76	51.35	49.31	46.25	36.22	37.12	44.47	35.56
22	34.90	39.29	51.51	39.84	52.59	50.42	51.11	46.46	35.86	36.23	41.75	35.78
23	34.86	45.85	55.29	41.49	50.11	49.81	52.99	46.39	35.78	35.61	40.11	35.83
24	34.85	52.40	55.63	52.94	48.81	49.28	51.17	46.45	35.93	35.23	39.58	35.85
25	34.81	53.62	---	55.84	47.88	48.76	49.14	46.58	35.80	35.08	39.02	35.51
26	34.77	52.34	---	54.92	47.74	48.35	48.87	46.62	35.38	35.08	38.58	35.58
27	34.70	50.69	---	51.45	54.08	47.87	53.02	46.72	37.27	35.28	37.99	35.86
28	34.62	49.27	---	48.00	56.01	48.25	52.12	46.72	41.33	35.40	37.71	35.73
29	34.51	46.68	---	45.84	54.50	47.90	50.11	46.64	43.26	35.54	37.45	35.56
30	34.37	44.93	48.13	44.29	---	47.53	49.35	46.68	47.58	36.62	37.00	35.47
31	34.49	---	47.48	42.73	---	46.98	---	46.63	---	36.52	36.96	---
MAX	35.19	53.62	60.71	55.84	60.94	61.13	56.57	54.76	50.49	47.08	44.47	36.58
MIN	34.37	33.96	41.02	39.84	37.87	46.98	46.45	45.97	35.38	35.08	35.43	35.46

07369150 BOEUF RIVER NEAR FORT NECESSITY, LA
(National stream-quality accounting network station)

LOCATION.--Lat 32°04'15", long 91°55'40", in NW1/4NE1/4 sec.35, T.13 N., R.5 E., Caldwell-Franklin Parish line, Hydrologic Unit 08050001, at bridge on State Highway 4 crossing, 6.7 mi northwest of Fort Necessity, and 0.5 mi downstream from confluence of Bayou Lafourche Cutoff.

DRAINAGE AREA.--2,542 mi^2, arbitrarily determined because of interchange of flow.

PERIOD OF RECORD.--Water years 1976 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1978 to August 1981.
WATER TEMPERATURES: April 1978 to September 1981.

INSTRUMENTATION.--Water-quality monitor November 1980 to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 2,480 micromhos Jan. 16, 1981; minimum daily, 50 micromhos Dec. 24, 1978.
WATER TEMPERATURES: Maximum daily, 35.0°C July 18, 19, 1978; minimum daily, 5.0°C on many days during January to February 1979, Feb. 4, 1980.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 03...	1730	68	1210	7.7	24.0	100	45	6.9	2.2	K40	480
DEC 06...	1030	24700	94	5.9	13.5	120	170	6.5	1.8	640	3600
FEB 23...	1215	7330	64	6.4	14.0	120	130	7.3	1.4	K15	K56
APR 03...	0800	15300	181	7.0	15.5	160	250	7.5	3.0	--	6300
JUN 07...	1715	5060	209	7.4	25.5	80	250	4.9	1.2	200	720
AUG 15...	1015	1600	443	7.7	28.0	10	35	6.4	1.4	100	80

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 03...	210	53	19	160	4.9	166	54	250	.2
DEC 06...	24	6.5	2.0	7.1	2.6	18	9.3	9.3	<.1
FEB 23...	20	5.3	1.7	4.7	2.2	19	5.6	3.8	<.1
APR 03...	41	11	3.3	17	2.2	42	16	17	<.1
JUN 07...	65	17	5.4	14	3.2	61	12	19	.1
AUG 15...	120	30	11	36	3.2	104	17	61	.2

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 03...	14	685	655	.36	.13	.7	.23	.10	.09
DEC 06...	4.8	60	53	1.0	.16	.4	.22	--	.07
FEB 23...	5.2	56	40	.14	.12	.6	.28	.08	.07
APR 03...	5.3	--	97	.50	.11	.8	.30	.04	.04
JUN 07...	6.4	126	114	.97	.48	1.7	.24	.07	.05
AUG 15...	10	259	231	.69	<.01	.8	.17	.10	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07369150 BOEUF RIVER NEAR FORT NECESSITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
03...	10	2	240	<.5	<1	<1	<3	2	110	1
FEB										
23...	110	1	32	<.5	<1	<1	<3	4	400	3
APR										
03...	80	2	43	<1	<1	2	<3	4	250	2
AUG										
15...	20	2	110	<1	<1	<1	<3	3	13	2

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
03...	8	190	<.1	<10	1	<1	2	640	<6	8
FEB										
23...	<4	24	.3	<10	<1	<1	<1	30	<6	18
APR										
03...	<4	38	.1	<10	4	<1	1	58	<6	8
AUG										
15...	<4	76	.5	<10	4	<1	<1	220	<6	5

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
03...	76	14	64
DEC			
06...	246	16400	94
FEB			
23...	93	1840	98
APR			
03...	649	26800	97
JUN			
07...	117	1600	91
AUG			
15...	120	518	96

< Actual value is known to be less than the value shown.

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07369370 LAKE PROVIDENCE NORTH OF LAKE PROVIDENCE, LA

(Formerly published as 07369370 Lake Providence at Lake Providence, La.)

LOCATION.--Lat 32°50'40", long 91°13'25", in sec.13, T.21 N., R.12 E., East Carroll Parish, Hydrologic Unit 08050003, on upstream side of Baxter Bayou bridge on U.S. Highway 65, 3.0 mi northwest of village of Lake Providence.

DRAINAGE AREA.--18.7 mi^2.

PERIOD OF RECORD.--Water years 1962, 1969, 1978 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UMHOS)	PH (STAND- ARD UNITS)	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 05...	1515	185	8.0	25.0	0	2.0	12.1	9.0	K1
JAN 11...	1440	147	6.2	5.0	20	3.0	12.0	2.8	92
APR 04...	1415	133	7.3	16.0	40	65	8.7	.6	80
JUL 18...	1245	166	9.1	30.5	5	4.0	8.9	1.9	K6

DATE	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 05...	K7	77	21	5.9	5.2	3.8	82	2.6	3.2
JAN 11...	1400	62	17	4.8	4.6	3.3	67	3.9	2.9
APR 04...	360	55	15	4.2	3.5	2.7	61	6.8	3.3
JUL 18...	K13	68	18	5.5	4.8	3.5	76	3.2	3.1

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
OCT 05...	.1	3.5	96	94	<.1	1.6	.10
JAN 11...	.1	2.6	84	79	.5	1.0	.13
APR 04...	<.1	3.2	80	76	.7	.5	.12
JUL 18...	.2	5.3	90	90	<.1	.4	.03

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07369370 LAKE PROVIDENCE NORTH OF LAKE PROVIDENCE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)
JAN												
11...	2	3	<1	<1	3	<1	4	28	22	710	3	10

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
11...	3	71	.08	12	8	3.6	<.01	5	<.1	<1	<.1	<1

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
11...	<.01	<.1	<.1	6	<.01	<.1	<.01	120	<.01	<.1	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
JAN												
11...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
11...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN												
11...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

324850091111000 LAKE PROVIDENCE NEAR LAKE PROVIDENCE, LA

(Formerly published as 24850091111000 Lake Providence north of Lake Providence, La.)

LOCATION.--Lat 32°48'50", long 91°11'10", T.21 N., R.12 E., East Carroll Parish, Hydrologic Unit 08050003, center of Lake Providence, opposite the mouth of Tensas Bayou, and 1.5 mi northeast of Lake Providence.

DRAINGE AREA.--18.7 mi^2.

PERIOD OF RECORD.--Water years 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
05...	1430	186	7.3	25.0	5	3.0	7.4	3.3	K1
JAN									
11...	1500	140	6.8	4.5	30	55	11.8	2.7	54
APR									
04...	1430	132	7.3	15.5	60	85	8.8	.7	K12
JUL									
18...	1310	150	8.5	30.5	5	8.0	9.3	2.6	32

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
05...	K6	77	21	5.9	5.3	3.6	82	2.4	3.6
JAN									
11...	K2300	59	16	4.5	3.7	3.2	66	3.9	.6
APR									
04...	350	55	15	4.2	3.3	2.7	60	3.4	2.3
JUL									
18...	66	73	20	5.6	4.2	3.0	81	3.4	2.9

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
05...	.1	3.9	--	98	<.1	.9	.12
JAN							
11...	.1	2.7	81	75	.6	1.2	.14
APR							
04...	.1	3.2	82	68	.7	.5	.12
JUL							
18...	.2	5.5	105	94	.1	1.2	.10

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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324850091111 0000 LAKE PROVIDENCE NEAR LAKE PROVIDENCE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)
JAN 11...	2	8	<1	<1	1	<1	2	35	44	680	1	10

DATE	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
JAN 11...	3	120	.05	15	2	5.1	<.01	5	<.1	<1	<.1	<1

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
JAN 11...	<.01	<.1	<.1	13	<.01	22	<.01	190	<.01	<.1	<.01	<.1

DATE	DI- ELDRIN TOTAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
JAN 11...	<.01	1.6	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
JAN 11...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PER- THANE TOTAL (UG/L)	PER- THANE IN BOTTOM MATL. (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN 11...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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07369500 TENSAS RIVER AT TENDAL, LA
(National stream-quality accounting network station)

LOCATION.--Lat 32°25'55", long 91°22'00", in NW1/4 sec.29, T.17 N., R.11 E., Madison Parish, Hydrologic Unit 08050003, near left bank on upstream side of bridge on U.S. Highway 80 at Tendal, 200 ft upstream from Illinois Central Gulf Railroad bridge, and 2.8 mi east of Waverly.

DRAINAGE AREA.--309 mi^2 (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1935 to current year. Monthly discharge only for some periods, published in WSP 1311.

GAGE.--Water-stage recorder. Datum of gage is 50.07 ft National Geodetic Vertical Datum of 1929. Prior to July 11, 1944, nonrecording gage at site 1,000 ft upstream at same datum. July 11, 1944, to Sept. 14, 1954, nonrecording gage at same site and datum. Water-stage recorder for Tensas River southeast of Tendal (07369515) used as auxiliary gage for this station since Oct. 1, 1957. See WSP 1711 and 1731 for history of changes prior to Oct. 1, 1957.

REMARKS.--Records fair. Small diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined.

AVERAGE DISCHARGE.--48 years (water years 1936-84), 345 ft^3/s, 250,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,610 ft^3/s Nov. 19, 1948; maximum gage height, 26.34 ft Dec. 4, 1982; minimum discharge, 1.7 ft^3/s Oct. 5, 1981, but may have been less during period of indefinite stage-discharge relation in October 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 15, 1927 (affected by overflow from Mississippi River) reached a stage of 34.02 ft and is the highest since then.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,410 ft^3/s Feb. 13; maximum gage height, 22.97 ft Mar. 7; minimum discharge, 6.8 ft^3/s Nov. 7; minimum gage height, 5.38 ft Nov. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	7.9	598	467	377	900	130	628	49	274	43	38
2	18	7.7	519	388	302	700	138	528	43	168	43	38
3	17	7.7	732	348	242	600	1010	1090	42	105	47	37
4	16	7.4	1430	329	194	650	993	1660	40	72	57	33
5	15	8.4	1540	314	157	1500	792	1430	38	54	84	30
6	14	7.7	1490	283	125	2500	643	1110	39	46	97	29
7	14	7.4	1380	231	98	3200	538	893	260	71	84	27
8	13	8.0	1200	182	73	2800	750	890	685	217	66	26
9	13	8.2	1000	143	56	2660	1100	779	539	220	59	26
10	13	8.5	900	920	354	2420	950	620	422	142	58	28
11	13	9.2	1500	1540	878	2200	800	500	350	85	55	25
12	12	9.3	2000	1320	2230	2100	700	415	273	57	65	26
13	12	9.7	1700	1030	3380	1920	600	356	221	169	92	23
14	12	8.8	1550	858	3280	1580	500	278	184	370	77	21
15	12	11	1300	753	3130	1310	427	266	144	269	60	20
16	12	11	1100	678	2920	1200	349	273	109	184	51	21
17	12	10	989	580	2620	2750	286	216	83	251	47	21
18	12	9.8	876	865	2290	2900	238	167	95	371	49	21
19	12	13	792	933	2010	2200	340	131	121	306	50	23
20	12	24	693	701	1730	1800	600	106	123	200	47	19
21	11	25	673	550	1400	1500	800	86	104	132	49	16
22	11	30	1070	440	1140	1100	1100	75	79	89	48	17
23	11	310	1050	566	951	900	1300	67	67	63	45	16
24	11	917	950	1530	798	700	1000	60	62	52	44	14
25	11	879	850	1590	682	600	833	55	85	51	42	14
26	11	777	750	1250	613	500	756	50	62	55	39	13
27	10	783	700	952	1110	400	1120	57	166	55	37	12
28	10	904	602	784	1300	333	1070	83	737	51	36	13
29	9.3	799	748	650	1100	276	885	86	649	48	35	12
30	9.2	688	778	539	---	213	745	73	432	46	36	10
31	8.7	---	650	447	---	166	---	60	---	43	39	---
TOTAL	384.2	6306.7	32110	22161	35540	44578	21493	13088	6303	4316	1681	669
MEAN	12.4	210	1036	715	1226	1438	716	422	210	139	54.2	22.3
MAX	18	917	2000	1590	3380	3200	1300	1660	737	371	97	38
MIN	8.7	7.4	519	143	56	166	130	50	38	43	35	10
AC-FT	762	12510	63690	43960	70490	88420	42630	25960	12500	8560	3330	1330

CAL YR 1983 TOTAL 249315.9 MEAN 683 MAX 3720 MIN 7.4 AC-FT 494500
WTR YR 1984 TOTAL 188629.9 MEAN 515 MAX 3380 MIN 7.4 AC-FT 374100

07369500 TENSAS RIVER AT TENDAL, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.53	5.39	11.11	9.98	9.27	13.08	7.04	11.62	6.01	8.40	5.91	5.87
2	5.55	5.39	10.44	9.29	8.63	11.77	7.06	10.75	5.90	7.44	5.91	5.88
3	5.53	5.39	11.49	8.99	8.14	10.82	13.39	14.10	5.89	6.76	5.98	5.86
4	5.51	5.39	15.64	8.84	7.71	11.21	14.35	17.13	5.87	6.34	6.13	5.79
5	5.50	5.42	16.69	8.72	7.34	19.96	13.33	16.75	5.83	6.10	6.50	5.74
6	5.49	5.40	16.93	8.48	6.98	22.63	12.17	15.52	5.84	5.97	6.66	5.73
7	5.46	5.40	16.77	8.04	6.67	22.95	11.08	14.36	8.28	6.29	6.50	5.70
8	5.46	5.42	16.35	7.58	6.35	22.85	12.27	13.89	11.30	7.92	6.26	5.68
9	5.46	5.42	15.84	7.19	6.11	22.49	14.47	13.13	10.71	7.95	6.17	5.68
10	5.45	5.44	15.31	12.23	8.68	21.92	13.72	11.92	9.76	7.18	6.15	5.72
11	5.45	5.46	17.69	16.38	12.49	21.22	12.60	10.76	9.00	6.51	6.10	5.69
12	5.44	5.46	18.92	16.04	17.85	20.39	11.93	9.80	8.40	6.14	6.25	5.71
13	5.44	5.49	18.74	14.93	22.37	19.41	11.06	9.04	7.96	7.26	6.61	5.67
14	5.45	5.46	18.30	13.81	22.82	18.25	10.25	8.44	7.61	9.14	6.41	5.62
15	5.44	5.52	---	12.87	22.85	17.07	9.54	8.34	7.21	8.36	6.18	5.60
16	5.44	5.52	16.50	12.11	22.66	16.14	8.99	8.40	6.81	7.60	6.04	5.61
17	5.44	5.51	15.73	11.22	22.13	20.26	8.51	7.91	6.49	8.22	5.98	5.62
18	5.45	5.49	14.74	12.53	21.41	20.31	8.10	7.44	6.64	9.15	6.02	5.64
19	5.45	5.57	13.72	13.45	20.54	18.95	8.79	7.06	6.95	8.66	6.03	5.67
20	5.45	5.81	12.70	12.26	19.51	17.32	13.98	6.77	6.97	7.76	5.99	5.60
21	5.45	5.83	12.19	10.98	18.25	15.72	14.25	6.53	6.75	7.08	6.02	5.54
22	5.46	5.90	14.47	9.90	16.95	14.24	14.94	6.39	6.43	6.57	6.00	5.55
23	5.45	8.45	14.85	10.37	15.65	12.82	15.69	6.27	6.28	6.22	5.96	5.54
24	5.45	12.48	---	16.05	14.30	11.51	14.60	6.18	6.20	6.06	5.94	5.52
25	5.45	12.84	---	17.06	12.96	10.33	13.35	6.10	6.51	6.05	5.90	5.50
26	5.45	12.39	---	16.02	11.98	9.40	12.53	6.03	6.21	6.10	5.86	5.48
27	5.44	12.29	---	14.71	14.54	8.72	14.44	6.13	7.17	6.10	5.83	5.47
28	5.44	12.98	11.02	13.43	15.43	8.86	14.50	6.49	11.43	6.04	5.81	5.48
29	5.42	12.61	12.08	12.22	14.42	8.42	13.58	6.53	10.93	6.00	5.80	5.46
30	5.42	11.86	12.11	11.07	---	7.88	12.59	6.36	9.57	5.96	5.82	5.43
31	5.41	---	---	10.07	---	7.43	---	6.18	---	5.92	5.89	---
MAX	5.55	12.98	18.92	17.06	22.85	22.95	15.69	17.13	11.43	9.15	6.66	5.88
MIN	5.41	5.39	10.44	7.19	6.11	7.43	7.04	6.03	5.83	5.92	5.80	5.43

07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1955-57, 1966-73, 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1967 to September 1968, November 1971 to September 1972, April 1975 to September 1981.
WATER TEMPERATURES: October 1967 to September 1968, April 1975 to September 1981.

INSTRUMENTATION.--Water-quality monitor April 1975 to September 1979.

REMARKS.--The temperature range for the water-quality monitor, 0.0°C to 36.5°C. Water-quality monitor removed September 1979. Samples for daily temperature and specific conductance were collected by an observer October 1979 to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 824 micromhos Sept. 3, 1981; minimum, 42 micromhos May 29, 1978.
WATER TEMPERATURES: Maximum, higher than 36.5°C Aug. 10, Sept. 1, 1977; minimum, 2.0°C Feb. 10, 1978.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 2.0°C was observed Jan. 23, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
06...	1030	14	700	7.2	22.5	10	25	5.5	2.1	K26	K24
JAN											
12...	0910	1320	74	6.5	2.5	80	300	11.2	--	600	16000
APR											
05...	0900	792	83	6.3	15.5	160	350	6.9	--	K400	7600
JUL											
17...	1530	257	390	7.4	31.0	5	55	--	--	50	120

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT									
06...	280	71	25	47	3.9	327	11	28	.3
JAN									
12...	26	7.0	2.1	3.2	2.3	23	9.1	2.1	<.1
APR									
05...	28	7.6	2.2	2.4	1.8	27	6.0	2.2	<.1
JUL									
17...	150	38	13	24	3.6	166	14	16	.3

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
06...	21	--	403	<.10	.06	.6	.21	--	.10
JAN									
12...	5.0	62	45	1.10	.06	1.1	.38	.12	.10
APR									
05...	6.6	48	45	1.00	.08	1.2	.47	.03	.03
JUL									
17...	12	245	221	.76	.10	.7	.11	.08	.08

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07369500 TENSAS RIVER AT TENDAL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT										
06...	<10	3	210	<.5	<1	7	<3	1	12	1
JAN										
12...	50	1	18	<.5	<1	<1	<3	4	110	1
APR										
05...	30	1	24	<1	<1	1	<3	4	180	2
JUL										
17...	--	--	100	<1	<1	--	<3	--	<3	--

DATE	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGANESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELENIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRONTIUM, DIS-SOLVED (UG/L AS SR)	VANADIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT										
06...	10	280	.1	<10	1	<1	1	310	<6	8
JAN										
12...	6	4	<.1	<10	1	<1	2	29	<6	14
APR										
05...	<4	6	.1	<10	3	<1	2	34	<6	6
JUL										
17...	8	2	--	<10	--	--	--	180	<6	<3

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
06...	84	3.2	79
JAN			
12...	379	1350	98
APR			
05...	674	1440	100
JUL			
17...	108	75	100

< Actual value is known to be less than the value shown.

07369515 TENSAS RIVER SOUTHEAST OF TENDAL, LA

LOCATION.--Lat 32°23'17", long 91°20'05", in SW1/4NW1/4 sec.10, T.16 N., R.11 E., Madison Parish, Hydrologic Unit 08050003, on right bank 1.6 mi upstream from mouth of Judd Bayou, 3.5 mi southeast of Tendal, and 8.5 mi downstream from gaging station Tensas River at Tendal (station 07369500).

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1975 to current year (gage heights only). Unpublished records November 1951 to September 1975 available in files of the Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 50.07 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 9, 1962, nonrecording gage at same site and prior to September 30, 1957, at datum 0.31 ft lower.

REMARKS.--Small diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.47 ft Dec. 5, 1982, minimum not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1951, 21.83 ft June 12, 1975.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, not determined; minimum gage height, 4.22 ft Nov. 13.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4.34	9.12	8.19	7.74	---	5.90	9.72	4.85	9.31	4.88	4.58
2	---	4.34	8.57	7.64	7.17	---	5.82	8.98	4.70	7.93	4.88	4.54
3	---	4.34	8.96	7.32	6.74	---	10.31	11.03	4.64	5.73	5.02	4.57
4	4.40	4.35	11.92	7.15	6.36	---	11.92	13.64	4.62	5.32	5.49	4.49
5	4.40	4.34	13.29	7.04	6.05	---	11.39	13.80	4.59	5.05	5.49	---
6	4.40	4.33	13.92	6.87	5.75	---	10.45	13.15	4.61	4.87	5.49	---
7	4.38	4.32	14.07	6.55	5.49	---	9.43	12.32	6.16	4.89	5.49	---
8	4.37	4.31	---	6.21	5.24	---	---	11.71	8.84	6.21	5.27	---
9	4.36	4.30	---	5.89	5.02	19.75	---	11.16	8.88	6.49	4.96	---
10	4.35	4.28	---	9.01	5.96	19.40	---	10.16	8.15	6.05	4.91	---
11	4.36	4.27	---	12.75	9.52	---	---	9.12	7.48	5.47	4.94	4.44
12	4.36	4.24	---	13.14	13.53	---	---	8.24	6.96	5.06	4.92	4.44
13	4.36	4.23	---	12.61	17.91	16.74	---	7.55	6.83	5.80	5.50	4.49
14	4.34	4.25	---	11.79	18.93	15.80	---	7.02	6.83	7.71	5.28	4.75
15	4.35	4.27	---	10.92	19.29	---	---	6.76	6.83	7.26	5.07	4.37
16	4.36	4.28	---	10.18	19.47	---	---	6.84	6.83	6.61	4.91	4.35
17	4.36	4.28	13.93	9.41	19.29	15.83	---	6.52	6.83	6.51	4.77	4.37
18	4.34	4.28	12.97	9.81	18.92	---	---	6.14	6.83	7.40	4.77	4.37
19	4.33	4.34	11.95	10.90	18.25	---	---	5.82	6.83	7.28	4.76	4.41
20	4.34	4.50	10.97	10.28	17.38	---	---	5.56	6.83	6.59	4.73	4.40
21	4.34	4.52	10.34	9.21	16.30	---	---	5.36	6.83	5.98	4.71	4.35
22	4.37	4.57	11.74	8.26	---	---	---	5.23	6.83	5.51	4.72	4.34
23	4.35	5.73	12.40	8.18	---	---	---	5.11	6.83	5.14	4.73	4.34
24	4.34	9.00	11.81	12.20	---	---	11.84	5.00	6.83	4.92	4.64	4.33
25	4.33	10.21	10.83	13.74	---	---	11.25	4.91	6.83	4.82	4.60	4.30
26	4.32	10.07	9.80	13.41	---	---	10.39	4.83	6.83	4.83	4.57	4.28
27	4.31	9.87	8.94	12.63	---	---	11.39	4.81	6.83	4.85	4.55	4.27
28	4.33	10.28	8.96	11.59	---	7.42	11.78	5.17	8.50	4.86	4.51	4.27
29	4.34	10.29	9.73	10.49	---	7.07	11.31	5.34	9.31	4.88	4.54	4.27
30	4.34	9.75	9.60	9.42	---	6.63	10.54	5.19	9.31	4.88	4.50	4.25
31	4.34	---	8.91	8.48	---	6.30	---	5.03	---	4.88	4.57	---
MAX	---	10.29	---	13.74	19.47	---	---	13.80	9.31	9.31	5.50	4.58
MIN	4.31	4.23	8.57	5.89	5.02	6.30	5.82	4.81	4.59	4.82	4.50	4.25

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07369647 LAKE ST. JOSEPH NEAR NEWELLTON, LA

LOCATION.--Lat 32°03'20", long 91°13'35", in NE1/4SE1/4 lot 3, T.12 N., R.12 E., Tensas Parish, Hydrologic Unit 08050003, near left bank on upstream side of Clark Bayou bridge on State Highway 605, 1.5 mi southeast of Newellton.

DRAINAGE AREA.--23.2 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1977 to current year (elevations only). Unpublished records from February 1959 to September 1961 available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed from an oxbow lake by two control structures on Clark Bayou. Control structure No. 1 has a 70-ft long weir with a crest elevation of 63.0 ft and two timber lift gates with widths of 10-ft each with a low sill at invert elevation of 56.0 ft. Control structure No. 2 on upper Clark Bayou has a drop inlet weir length of 53-ft with crest elevation of 65.0 ft and an 8-ft wide timber lift gate with invert elevation of 58.5 ft. Pool stage of 65.0 ft is controlled by structure No. 2 because control structure No. 1, located upstream is submerged. Reservoir is used for irrigation and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 68.98 ft May 22, 1983; minimum, 64.22 ft Nov. 7, 17, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1960 reached an elevation of 66.71 ft Mar. 4, 5, 6, 1960; minimum, 63.56 ft Aug. 10, 1960.

EXTREMES FOR CURRENT YEAR.--Maximum observed elevation, 67.55 ft Mar. 6; minimum, 64.52 ft Nov. 15.

ELEVATION (FEET NGVD). WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.94	64.64	65.44	66.20	66.12	66.09	66.11	66.07	65.88	65.72	65.56	65.60
2	64.93	64.63	65.46	66.18	66.10	66.11	66.09	66.05	65.86	65.70	65.53	65.58
3	64.92	64.62	65.49	66.15	66.07	66.23	66.21	66.03	65.84	65.69	65.51	65.57
4	64.90	64.61	65.59	66.13	66.07	66.27	66.19	66.31	65.84	65.67	65.55	65.53
5	64.87	64.63	65.63	66.10	66.04	67.31	66.15	66.35	65.83	65.63	65.54	65.52
6	64.88	64.64	66.02	66.08	65.99	67.55	66.13	66.31	65.82	65.62	65.52	65.49
7	64.87	64.64	66.12	66.05	66.00	67.53	66.11	66.29	66.10	65.61	65.50	65.49
8	64.86	64.63	66.11	66.03	65.99	67.43	66.35	66.43	66.12	65.57	65.68	65.49
9	64.84	64.63	66.10	66.01	65.98	67.39	66.73	66.41	66.12	65.56	65.70	65.45
10	64.82	64.61	66.09	66.12	65.98	67.35	66.71	66.39	66.10	65.54	65.69	65.43
11	64.83	64.58	66.25	66.29	65.96	67.23	66.83	66.37	66.07	65.52	65.72	65.41
12	64.81	64.61	66.25	66.30	66.01	67.21	66.75	66.37	66.04	65.49	65.73	65.39
13	64.78	64.60	66.27	66.26	66.39	67.15	66.71	66.41	66.00	65.48	65.86	65.38
14	64.78	64.59	66.26	66.25	66.43	67.11	66.67	66.39	65.97	65.71	65.96	65.36
15	64.76	64.59	66.27	66.25	66.43	67.03	66.61	66.35	65.96	65.69	65.96	65.33
16	64.76	64.58	66.26	66.22	66.49	66.93	66.59	66.31	65.94	65.67	65.94	65.30
17	64.75	64.59	66.24	66.21	66.45	66.89	66.51	66.25	65.91	65.65	65.91	65.29
18	64.74	64.61	66.21	66.18	66.44	66.85	66.49	66.23	65.88	65.71	65.89	65.27
19	64.74	64.64	66.14	66.14	66.41	66.55	66.41	66.19	65.86	65.69	65.87	65.26
20	64.74	64.81	66.14	66.15	66.37	66.43	66.37	66.11	65.85	65.67	65.83	65.24
21	64.72	64.83	66.12	66.11	66.35	66.35	66.33	66.07	65.82	65.66	65.84	65.23
22	64.72	64.85	66.23	66.09	66.33	66.33	66.31	66.05	65.82	65.65	65.81	65.24
23	64.69	65.00	66.25	66.13	66.29	66.31	66.27	66.03	65.85	65.64	65.79	65.26
24	64.70	65.15	66.13	66.25	66.23	66.29	66.25	66.01	65.83	65.63	65.76	65.25
25	64.67	65.19	66.11	66.27	66.21	66.19	66.23	65.97	65.82	65.66	65.73	65.24
26	64.67	65.22	66.11	66.27	66.13	66.17	66.21	65.94	65.78	65.65	65.71	65.19
27	64.67	65.24	66.11	66.25	66.15	66.15	66.19	65.95	65.74	65.63	65.70	65.19
28	64.66	65.41	66.30	66.22	66.13	66.13	66.15	65.91	65.77	65.63	65.69	65.16
29	64.65	65.43	66.29	66.20	66.11	66.11	66.13	65.92	65.76	65.61	65.67	65.14
30	64.64	65.46	66.28	66.11	---	66.05	66.11	65.91	65.74	65.58	65.66	65.12
31	64.64	---	66.27	66.14	---	66.03	---	65.90	---	65.57	65.62	---
MAX	64.94	65.46	66.30	66.30	66.49	67.55	66.83	66.43	66.12	65.72	65.96	65.60
MIN	64.64	64.58	65.44	66.01	65.96	66.03	66.09	65.90	65.74	65.48	65.50	65.12

07369647 LAKE ST. JOSEPH NEAR NEWELLTON, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962-63, 1969, 1977, 1978 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
06...	1400	200	7.9	25.0	5	6.0	10.1	1.9	K1
JAN									
12...	1145	134	6.9	4.5	60	75	12.4	--	K16
APR									
05...	1100	137	7.8	17.5	40	40	10.2	--	K18
JUL									
19...	1015	213	9.0	29.5	10	7.0	8.4	8.2	K7

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
06...	48	91	25	7.0	3.8	3.8	96	3.9	1.9
JAN									
12...	460	56	15	4.4	2.3	4.7	56	6.4	2.7
APR									
05...	170	56	15	4.4	2.4	5.0	59	4.7	3.2
JUL									
19...	K2	96	26	7.5	3.8	5.1	104	1.8	3.9

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
06...	.2	8.3	128	112	<.1	--	1.7	.17	--
JAN									
12...	.1	2.0	90	72	.2	--	1.4	.17	--
APR									
05...	.1	.8	86	71	<.1	--	1.3	.11	--
JUL									
19...	.2	11	154	121	<.1	.02	2.4	.45	.26

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07369647 LAKE ST. JOSEPH NEAR NEWELLTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)
JAN												
12...	2	7	<1	1	5	<1	2	160	41	6000	2	40

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
12...	2	230	.08	8	16	7.8	<.01	5	<.1	<1	<.1	<1

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
12...	<.01	<.1	<.1	8	<.01	17	<.01	130	<.01	<.1	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
JAN												
12...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN												
12...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN												
12...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.05	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07369648 LAKE BRUIN AT LAKE BRUIN STATE PARK, NEAR ST. JOSEPH, LA

LOCATION.--Lat 31°57'40", long 91°12'10", in NW1/4SW1/4 sec.26, T.12 N., R.12 E., Tensas Parish, Hydrologic Unit 08050003, at State Park fishing pier, 3.5 mi northeast of St. Joseph.

DRAINAGE AREA.--21.4 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1959 to September 1964, November 1977 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed from an oxbow lake by Routh ditch control structure at U.S. Highway 65. The 60.7-ft long weir has a crest elevation of 61.0 ft which can be raised to 63.0 ft by stop-logs. There are two 6-ft wide metal lift gates with an invert elevation of 56.2 ft. Area of lake is 3,000 acres at an elevation of 63.0 ft. Reservoir is used for recreation and public supply.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 66.04 ft May 23, 1983; minimum, 57.28 ft Jan. 2, 3, 4, 1964.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 63.48 ft Mar. 6; minimum, 59.94 ft Nov. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60.82	60.17	60.72	61.71	---	61.89	---	62.41	62.39	62.14	---	61.91
2	60.80	60.15	60.71	61.70	---	61.89	---	62.38	62.39	62.13	61.98	61.88
3	60.77	60.15	60.70	61.71	---	61.98	---	62.49	62.40	62.12	61.95	61.86
4	60.75	60.12	60.81	61.70	---	62.26	---	62.53	62.40	62.11	61.94	61.84
5	60.73	60.19	60.83	61.72	---	63.11	---	62.50	62.40	62.09	61.92	61.79
6	60.71	60.16	61.11	61.71	---	63.47	---	62.44	62.40	62.07	61.91	61.73
7	60.68	60.17	61.17	61.71	---	63.46	---	62.41	62.65	62.05	61.88	61.71
8	60.66	60.15	61.18	61.70	---	63.38	---	62.54	62.74	62.05	61.96	61.68
9	60.63	60.15	61.17	61.70	---	63.30	---	62.54	62.72	---	61.95	61.65
10	60.61	60.10	61.17	61.91	---	63.19	---	62.48	62.68	---	61.94	61.62
11	60.59	60.10	61.37	61.93	---	63.08	62.60	62.43	62.64	---	61.93	61.60
12	60.55	60.06	61.45	61.87	---	62.95	62.52	62.38	62.59	---	61.96	61.58
13	60.54	60.04	61.44	61.82	---	62.88	62.47	62.34	62.53	---	62.09	61.56
14	60.52	60.03	61.52	61.76	---	62.78	62.38	62.28	62.50	---	62.26	61.53
15	60.48	60.03	61.51	61.76	---	62.67	62.33	62.29	62.45	---	62.27	61.51
16	60.45	60.01	61.50	61.71	---	62.58	62.25	62.28	62.38	---	62.27	61.47
17	60.45	59.99	61.51	61.65	---	62.51	62.18	62.27	62.33	---	62.26	61.41
18	60.44	59.98	61.51	61.66	---	62.43	62.18	62.28	62.31	---	62.24	61.37
19	60.43	59.95	61.49	61.61	---	62.34	62.20	62.28	62.27	---	62.22	61.35
20	60.40	60.20	61.46	61.55	---	62.29	62.21	62.29	62.26	---	62.20	61.32
21	60.39	60.21	61.47	61.49	---	62.26	62.23	62.30	62.24	---	62.19	61.30
22	60.41	60.20	61.60	61.43	61.77	62.26	62.33	62.32	62.23	---	62.17	61.26
23	60.37	60.37	61.61	61.40	61.76	62.25	62.31	62.34	62.21	---	62.14	61.28
24	60.34	60.55	61.61	61.52	61.75	62.28	62.30	62.35	62.19	---	62.12	61.27
25	60.33	60.53	61.58	61.52	61.74	62.25	62.30	62.36	62.19	---	62.09	61.25
26	60.28	60.51	61.56	61.45	61.74	62.24	62.31	62.36	62.16	---	62.05	61.24
27	60.25	60.49	61.57	61.42	61.87	62.25	62.36	62.37	62.15	---	62.03	61.20
28	60.24	60.73	61.69	61.38	61.92	62.22	62.36	62.38	62.16	---	62.01	61.17
29	60.22	60.73	61.76	61.33	61.90	---	62.38	62.43	62.16	---	61.98	61.12
30	60.20	60.73	61.73	61.29	---	---	62.39	62.41	62.16	---	61.95	61.08
31	60.20	---	61.72	61.27	---	---	---	62.39	---	---	61.93	---
MAX	60.82	60.73	61.76	61.93	---	63.47	---	62.54	62.74	62.14	62.27	61.91
MIN	60.20	59.95	60.70	61.27	---	61.89	---	62.27	62.15	---	61.88	61.08

BEST COPY AVAILABLE

07369648 LAKE BRUIN AT LAKE BRUIN STATE PARK, NEAR ST. JOSEPH, LA--Continued

(Formerly published as 315725091122400 Lake Bruin at southeast end, near St. Joseph, La)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962-63, 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
06...	1540	156	7.7	25.0	0	3.0	8.2	1.8	K1
JAN									
12...	1245	149	7.1	5.0	5	6.0	12.4	2.3	K10
APR									
05...	1315	147	7.7	16.5	10	8.0	9.5	--	K5
JUL									
19...	1220	159	8.2	31.0	0	4.0	11.0	3.[illegible]	K1

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
06...	K250	71	20	5.2	4.0	3.5	74	3.0	2.3
JAN									
12...	K30	71	20	5.2	2.3	3.5	72	3.6	2.0
APR									
05...	K2	62	17	4.7	2.1	3.2	68	6.9	2.7
JUL									
19...	K2	72	20	5.4	2.4	3.4	77	2.9	2.8

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
06...	.1	3.1	95	85	<.1	--	.5	.04	--
JAN									
12...	.1	1.1	99	81	.2	--	1.0	.04	--
APR									
05...	<.1	.3	85	78	.2	--	.4	.03	--
JUL									
19...	.1	1.6	95	85	<.1	.16	.4	.06	.02

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07369648 LAKE BRUIN AT LAKE BRUIN STATE PARK, NEAR ST. JOSEPH, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
JAN 12...	1	4	<1	<1	1	<1	1	17	8	280	1

DATE	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
JAN 12...	10	<1	110	.05	8	5	3.5	<.01	2	<.1	<1

DATE	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDT, TOTAL (UG/L)
JAN 12...	<.10	<1	<.01	<.1	<.1	15	<.01	12	<.01	61	<.01

DATE	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
JAN 12...	6.2	<.01	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.01	<.1

DATE	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
JAN 12...	<.01	<.1	<.01	<.1	<.01	<.01	<.1	<.01	<.01	<.01	<.1

DATE	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN 12...	<.01	<.1	<1	<1	<10	<.01	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

320004091120700 LAKE BRUIN (IN CENTER, SITE 2) NEAR NEWELLTON, LA

LOCATION.--Lat 32°00'04", long 91°12'07", in SW1/4 sec.30, T.12 N., R.12 E., Tensas Parish, Hydrologic Unit 08050003, in center, 5.1 mi southeast of Newellton.

DRAINAGE AREA.--21.4 mi^2.

PERIOD OF RECORD.--June 1980 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
06...	1515	156	8.0	25.0	0	20	8.5	1.8	<1
JAN									
12...	1310	148	7.0	5.0	5	3.0	12.0	2.0	21
APR									
05...	1300	147	7.6	16.5	10	8.0	9.2	--	K2
JUL									
19...	1145	160	7.7	31.0	0	4.0	8.9	1.8	<1

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
06...	K12	69	19	5.2	4.8	3.5	78	3.6	2.7
JAN									
12...	58	66	18	5.1	2.4	3.5	72	3.4	2.1
APR									
05...	K4	65	18	4.8	2.2	3.3	68	7.0	2.6
JUL									
19...	K1	72	20	5.4	2.3	3.4	77	2.8	3.1

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
06...	.1	3.7	96	90	<.1	--	.8	.14	--
JAN									
12...	.1	1.2	89	79	.2	--	.9	.04	--
APR									
05...	<.1	.4	85	79	.2	--	.5	.02	--
JUL									
19...	.1	1.9	96	85	<.1	.24	.4	.10	.03

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

320004091120700 LAKE BRUIN (IN CENTER, SITE 2) NEAR NEWELLTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)
JAN												
12...	2	13	<1	<1	2	<1	4	45	8	200	3	10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)
JAN												
12...	<1	150	.08	5	7	3.5	<.01	<.1	<1	<.1	<1	<.01

DATE	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)
JAN												
12...	<.1	<.1	3.0	<.01	7.2	<.01	87	<.01	<.1	<.01	<.1	<.01

DATE	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)
JAN												
12...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)
JAN												
12...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN											
12...	<.1	<.1	<1	<1	<10	<.01	<.1	.03	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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07369700 BAYOU MACON NEAR KILBOURNE, LA

LOCATION.--Lat 32°59'35", long 91°15'45", in SW1/4SE1/4 sec.8, T.23 N., R.12 E., East Carroll-West Carroll Parish line, Hydrologic Unit 08050002, near center of channel on downstream side of bridge on State Highway 585, 0.8 mi south of Arkansas-Louisiana State line, and 3.0 mi east of Kilbourne.

DRAINAGE AREA.--504 mi^2 (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to September 1968. October 1968 to September 1973 (annual maximum gage height and discharge below 200 ft^3/s only). October 1973 to current year (daily gage heights and daily discharges below 200 ft^3/s only).

GAGE.--Water-stage recorder. Datum of gage is 75.41 ft National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Prior to Oct. 1, 1965, at datum 2.00 ft higher.

REMARKS.--Records fair. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined.

AVERAGE DISCHARGE.--11 years (water years 1958-68), 508 ft^3/s, 368,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,740 ft^3/s May 5, 1958; maximum gage height, 26.73 ft Mar. 17, 1973; no flow June 11, 1963, result of pumping for irrigation.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 23.95 ft Dec. 4; minimum daily discharge, 31 ft^3/s Nov. 11-12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		69										
2		67										
3		63										
4		48										
5		44										
6		41										
7		38										
8	184	35										
9	99	33										
10	90	32										
11	90	31										
12	90	31								177		
13	89	33								181		
14	87	34										
15	87	53								174		
16	87	42										181
17	87	34										184
18	87	32										196
19	85	41										
20	84	160										194
21	84	77										
22	86	118										185
23	84								182			198
24	82								154			183
25	82								147			172
26	81								144			167
27	81								150			163
28	80								170			126
29	78								198			88
30	75				---							87
31	72	---			---		---		---			---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	72	31	---	---	---	---	---	---	144	174	---	87

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07369700 BAYOU MACON NEAR KILBOURNE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.91	---	7.10	6.54	6.25	11.09	6.54	5.82	3.63	5.15	3.48	4.48
2	4.91	---	6.44	5.84	5.71	10.09	7.00	6.04	3.58	---	3.43	4.42
3	4.86	1.63	18.52	5.56	5.56	9.02	12.59	8.41	3.45	---	3.44	4.39
4	4.81	1.42	23.86	5.72	5.39	9.24	10.65	10.81	3.41	---	4.75	4.39
5	4.77	---	23.42	7.12	5.30	20.68	9.92	12.46	3.45	---	4.98	4.39
6	4.17	---	22.99	7.58	5.24	22.18	9.33	13.08	3.47	6.86	5.95	4.33
7	3.54	---	22.04	7.21	5.18	19.98	8.27	13.08	4.64	5.66	8.97	4.31
8	2.93	---	21.14	6.71	5.14	17.77	11.58	12.98	5.33	4.77	10.87	4.22
9	2.03	---	20.40	6.24	5.17	16.05	15.28	12.54	6.06	4.18	10.57	4.15
10	1.93	1.17	19.65	11.71	6.51	14.57	13.59	12.22	6.72	3.69	9.46	4.28
11	1.93	---	21.06	11.47	7.99	13.09	12.64	11.65	6.38	3.30	9.20	4.42
12	1.93	---	20.24	8.74	17.91	11.50	11.71	10.71	5.65	2.97	9.10	4.41
13	1.92	1.18	19.24	7.38	23.29	9.89	10.48	9.53	4.95	3.01	8.80	4.31
14	1.91	1.18	19.28	6.67	22.06	8.46	9.12	8.30	4.40	3.25	8.42	4.17
15	1.91	1.49	18.42	6.19	20.09	7.21	7.98	7.34	3.92	2.94	9.33	3.44
16	1.91	1.32	17.59	5.90	18.67	6.69	7.06	6.64	3.74	3.27	10.91	3.01
17	1.91	1.19	16.78	5.67	17.51	10.40	6.42	6.13	3.78	4.04	11.80	3.04
18	1.91	1.16	15.91	6.02	16.40	12.20	5.93	5.76	3.62	4.43	11.98	3.15
19	1.89	1.29	15.05	5.70	15.39	12.33	7.89	4.69	3.46	4.35	11.44	3.25
20	1.88	2.71	14.31	5.41	14.47	11.93	6.30	3.85	3.25	4.20	10.20	3.13
21	1.88	1.80	14.01	5.26	13.59	10.94	4.99	3.90	3.67	3.99	8.56	3.05
22	1.90	2.14	17.07	5.18	12.58	9.55	11.33	3.98	3.50	3.71	7.10	3.20
23	1.88	11.61	15.99	7.41	11.15	8.18	9.38	3.93	3.02	3.56	6.03	3.17
24	1.87	11.78	14.94	12.03	9.49	7.16	7.90	3.89	2.74	3.60	5.23	3.03
25	1.86	7.17	14.26	9.91	7.89	6.56	6.87	3.73	2.67	3.60	4.68	2.92
26	1.85	5.74	13.70	9.73	7.33	6.31	6.59	3.55	2.64	3.55	4.35	2.87
27	1.85	8.76	13.12	10.42	11.27	6.16	9.54	3.64	2.70	3.59	4.05	2.83
28	1.84	10.00	13.35	10.20	11.54	7.15	7.50	3.74	2.90	3.80	3.87	2.44
29	1.82	9.29	12.08	9.25	11.56	6.68	6.20	3.89	3.18	3.81	4.45	2.02
30	---	8.23	9.92	8.08	---	6.70	5.73	3.82	3.28	3.64	4.66	2.01
31	---	---	7.87	7.06	---	6.72	---	3.75	---	3.56	4.55	---
MAX	4.91	11.78	23.86	12.03	23.29	22.18	15.28	13.08	6.72	---	11.98	4.48
MIN	---	---	6.44	5.18	5.14	6.16	4.99	3.55	2.64	2.94	3.43	2.01

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07369700 BAYOU MACON NEAR KILBOURNE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1958, 1966-72, 1976-77, 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
05...	1250	332	7.8	24.0	5	40	7.9	2.3	K45
JAN									
11...	1155	100	5.7	3.0	160	300	11.5	3.8	780
APR									
04...	1100	113	6.9	15.5	120	350	8.5	2.0	340
JUL									
18...	1130	272	7.8	29.5	20	130	6.3	.4	K380

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
05...	640	130	32	11	16	3.6	119	16	20
JAN									
11...	K22000	37	9.7	3.1	4.0	2.6	31	10	4.4
APR									
04...	15000	39	10	3.3	3.6	2.1	40	8.0	1.1
JUL									
18...	1600	100	27	8.8	11	2.9	98	17	13

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
05...	.2	7.3	180	177	<.1	1.4	.27
JAN							
11...	<.1	<.1	76	53	.8	1.1	.35
APR							
04...	<.1	4.8	58	48	.9	1.1	.32
JUL							
18...	.2	11	173	150	.9	.6	.18

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07369700 BAYOU MACON NEAR KILBOURNE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
JAN 11...	1	1	<1	<1	2	<1	4	59	130	1200	3

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 05...	--	--	--	--	--	--	--	7.6	--	--	<.1
JAN 11...	30	11	7	<.1	.03	16	5	--	<.01	2	--

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 05...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	2.5	<.01	3.8

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 05...	<.01	2.2	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 05...	<.1	<1	<1	<10	<.01	<.1	.09	<.01	.26	.02

< Actual value is known to be less than the value shown.

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07370000 BAYOU MACON NEAR DELHI, LA

LOCATION.--Lat 32°27'25", long 91°28'30", in NE1/4SE1/4 sec. 18, T.17 N., R.10 E., Madison-Richland Parish line. Hydrologic Unit 08050002, near right bank on downstream side of bridge on U.S. Highway 80, 0.2 mi upstream from Illinois Central Gulf Railroad bridge, and 1.0 mi east of Delhi.

DRAINAGE AREA.--782 mi^2.

PERIOD OF RECORD.--October 1935 to current year. Monthly discharge only for some periods published in WSP 1311. Daily gage heights as follows: 1885-99 in reports of National Weather Service; September 1925 to December 1931 in files of Corps of Engineers, Vicksburg district; and since January 1932 in reports of Corps of Engineers, Vicksburg district.

REVISED RECORDS.--WDR LA-77-1: 1976.

GAGE.--Water-stage recorder. Datum of gage is 50.05 ft National Geodetic Vertical Datum of 1929 (levels by Corp of Engineers). Prior to Mar. 14, 1949, nonrecording gage; Mar. 14, 1949, to Oct. 1, 1963, water-stage recorder; all gages within 2,000 ft downstream at same datum. Auxiliary water-stage recorder 7.7 mi downstream from base gage at datum 46.05 ft National Geodetic Vertical Datum of 1929. Prior to Mar. 9, 1972, auxiliary gages at different sites and datum. See WDR LA-76-1 for history of changes prior to Mar. 9, 1972.

REMARKS.--Records good. Large diversions above station for irrigation. Interconnecting system of bayous and drainage ditches produces an interchange of flow under varying conditions; hence, the drainage limits were more or less arbitrarily determined.

AVERAGE DISCHARGE.--49 years, 1,008 ft^3/s, 730,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,480 ft^3/s Jan. 21, 1979; maximum gage height, 26.00 ft May 6, 7, 1958; no flow May 25, 26, 28, June 1, 1963, result of temporary dam.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1882 reached a stage of 37.5 ft, present site and datum, from records of National Weather Service (affected by overflow from Mississippi River).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,060 ft^3/s Feb. 13; maximum gage height, 23.33 ft Mar. 7; minimum discharge, 79 ft^3/s June 27, gage height, 7.33 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	328	122	1390	1100	981	1890	824	1300	331	378	120	398
2	498	121	1150	995	820	1770	934	1060	299	449	116	413
3	546	121	3410	899	750	1720	3670	3230	270	997	113	376
4	544	124	7040	884	769	1860	4520	3850	255	1390	117	333
5	539	115	7800	923	694	6650	3350	3180	219	1440	311	328
6	520	100	8040	1070	616	8790	2580	2760	241	1250	551	284
7	468	95	7740	1120	570	8490	1800	2460	1920	903	619	236
8	381	90	7180	1030	512	7980	2710	2400	1820	678	1130	221
9	310	86	6410	891	505	7170	4000	2310	1100	508	1570	273
10	205	88	5580	2490	1430	5870	5000	2250	860	340	1590	340
11	156	86	6540	4220	1820	4370	4200	2200	890	234	1430	405
12	150	86	6940	3480	5440	3260	3400	2130	840	162	[illegible]	421
13	141	90	6230	2630	8890	2570	2820	1990	724	131	1380	426
14	137	89	5650	1440	8630	2190	2090	1820	776	385	1290	425
15	137	98	5070	1070	8130	1950	1700	1940	549	508	1190	410
16	139	104	4390	1020	7510	1550	1370	1780	367	287	1320	387
17	140	105	3850	923	6500	3510	1090	1370	512	276	1580	262
18	142	99	3510	1700	5350	3220	900	1170	400	831	1740	218
19	138	97	3270	1520	4320	2730	1670	1050	322	732	1810	235
20	138	185	3080	971	3550	2600	2870	885	334	454	1790	247
21	139	446	3020	739	3050	2240	1710	701	240	303	1620	256
22	147	626	3630	661	2790	1790	2470	1170	220	221	1250	262
23	142	4150	3840	1370	2630	1520	2790	928	206	206	955	289
24	141	5730	3440	3760	2250	1250	2050	663	148	249	753	308
25	138	4690	2600	3630	1590	1020	1460	499	116	277	579	281
26	132	3120	2410	2810	1450	877	1570	434	103	310	475	247
27	130	2630	2140	2080	2610	828	4000	401	361	270	392	240
28	125	2140	2620	1670	2770	904	5500	396	1000	243	327	256
29	125	1860	2860	1590	2220	951	4000	380	570	243	240	238
30	123	1570	2550	1440	---	891	2200	393	513	228	286	183
31	121	---	1770	1140	---	840	---	379	---	164	348	---
TOTAL	7220	29063	135150	51266	89147	93251	79248	47479	16506	15017	28342	9198
MEAN	233	969	4360	1654	3074	3008	2642	1532	550	485	914	307
MAX	546	5730	8040	4220	8890	8790	5500	3850	1920	1440	1810	426
MIN	121	86	1150	661	505	828	824	379	103	131	113	183
AC-FT	14320	57650	268100	101700	176800	185000	157200	94170	32740	29850	56220	18240

CAL YR 1983	TOTAL	632442	MEAN	1733	MAX	8820	MIN	77	AC-FT 1254000
WTR YR 1984	TOTAL	600917	MEAN	1642	MAX	8890	MIN	86	AC-FT 1192000

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07370000 BAYOU MACON NEAR DELHI, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.27	7.71	9.50	9.37	9.07	10.15	8.83	9.20	7.90	8.10	7.55	8.16
2	8.56	7.71	9.25	9.08	8.87	9.97	8.93	9.01	7.86	8.20	7.53	8.18
3	8.64	7.71	12.66	8.97	8.79	9.91	12.34	11.58	7.82	8.90	7.50	8.13
4	8.63	7.72	18.75	8.95	8.81	10.12	14.32	13.49	7.80	9.32	7.51	8.06
5	8.63	7.66	20.62	9.00	8.72	18.41	12.75	12.10	7.75	9.38	8.00	8.05
6	8.60	7.55	21.37	9.16	8.61	22.85	10.58	10.84	7.78	9.17	8.37	7.98
7	8.51	7.48	21.41	9.22	8.55	23.31	9.65	10.41	9.98	8.80	8.46	7.89
8	8.37	7.44	21.02	9.12	8.47	23.12	10.77	10.33	9.81	8.53	9.06	7.86
9	8.24	7.40	20.27	8.96	8.46	22.55	13.74	10.26	8.95	8.30	9.56	7.96
10	8.01	7.42	19.30	11.17	9.57	21.42	14.49	10.15	8.68	8.06	9.58	8.07
11	7.85	7.40	20.57	14.04	10.04	19.66	13.65	10.06	8.73	7.88	9.38	8.17
12	7.83	7.40	21.01	13.55	16.12	17.68	12.36	9.94	8.67	7.71	9.30	8.19
13	7.80	7.44	20.35	11.31	22.58	15.71	10.92	9.76	8.53	7.59	9.33	8.18
14	7.78	7.43	19.62	9.57	23.22	13.56	9.94	9.52	8.59	8.12	9.24	8.16
15	7.78	7.52	18.80	9.17	23.05	11.30	9.53	9.70	8.31	8.31	9.13	8.13
16	7.79	7.59	17.73	9.11	22.67	9.66	9.26	9.50	8.05	7.99	9.27	8.08
17	7.80	7.59	16.61	9.00	21.83	13.31	9.05	8.99	8.26	7.96	9.56	7.85
18	7.81	7.53	15.51	9.90	20.55	14.12	8.89	8.79	8.10	8.73	9.77	7.75
19	7.79	7.51	14.38	9.66	18.97	12.84	9.97	8.67	7.98	8.61	9.87	7.76
20	7.79	7.89	13.23	9.05	17.32	11.65	11.00	8.49	8.01	8.25	9.84	7.78
21	7.79	8.39	12.35	8.78	15.70	10.63	9.55	8.29	7.85	8.02	9.62	7.77
22	7.82	8.59	13.71	8.68	14.06	9.94	10.42	8.84	7.81	7.87	9.19	7.76
23	7.81	13.88	14.71	9.57	12.41	9.57	10.88	8.58	7.78	7.84	8.87	7.79
24	7.80	17.30	14.04	13.25	10.74	9.27	9.90	8.27	7.62	7.93	8.63	7.80
25	7.79	16.94	12.91	14.04	9.74	9.01	9.32	8.06	7.47	7.98	8.41	7.74
26	7.76	14.53	11.80	12.30	9.59	8.84	9.43	7.98	7.37	8.03	8.27	7.66
27	7.75	11.60	10.99	10.43	11.28	8.79	13.73	7.95	7.87	7.97	8.15	7.63
28	7.73	10.52	11.84	9.84	11.53	8.87	16.02	7.96	8.88	7.92	8.05	7.64
29	7.72	10.11	12.23	9.75	10.65	8.96	14.45	7.94	8.36	7.92	7.90	7.59
30	7.71	9.71	11.22	9.56	---	8.88	11.37	7.97	8.29	7.89	7.98	7.44
31	7.70	---	9.98	9.24	---	8.84	---	7.96	---	7.73	8.09	---
MAX	8.64	17.30	21.41	14.04	23.22	23.31	16.02	13.49	9.98	9.38	9.87	8.19
MIN	7.70	7.40	9.25	8.68	8.46	8.79	8.83	7.94	7.37	7.59	7.50	7.44

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA

LOCATION.--Lat 32°12'25", long 92°48'05", in NW1/4SW1/4 sec. 8, T. 14 N., R.4 W., Bienville-Jackson Parish line, Hydrologic Unit 08040303, on left bank just upstream from bridge on State Highway 4, 200 ft downstream from Brush Creek, 1.5 mi downstream from McDonald Creek, and 5.4 mi west of Jackson Parish courthouse in Jonesboro.

DRAINAGE AREA.--355 mi^2.

PERIOD OF RECORD.--October 1938 to September 1957, October 1977 to current year. November 1957 to September 1977 (annual maximum, daily gage heights, and miscellaneous discharge measurements only).

REVISED RECORDS.--WRD LA-1971: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 116.53 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 29, 1938, nonrecording gage at same site and datum.

REMARKS.--Records good. Water used by paper mill at Hodge is pumped from wells and discharged into stream about 7 mi above station. Most of effluent is discharged continually whenever mill is operating, but some waste water is stored in a reservoir and released whenever river flow is sufficient to materially dilute it.

AVERAGE DISCHARGE.--26 years (water years 1939-57, 1978-84), 415 ft^3/s, 300,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41,500 ft^3/s Dec. 28, 1982, gage height, 21.20 ft from floodmark; minimum gage height, 2.67 ft Sept. 26, 1955. Minimum discharge observed, 0.4 ft^3/s Aug. 31, 1954 (discharge measurement), but may have been less in September 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge, above base of 3,000 ft^3/s; and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 14	1100	7880	15.48	Mar. 6	1500	*11700	*16.58

Minimum discharge, 8.5 ft^3/s Aug. 1, gage height, 3.41 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	14	82	231	248	1700	249	125	52	67	8.8	15
2	12	15	63	202	204	1270	240	97	44	55	9.0	15
3	13	15	88	190	185	915	1490	106	39	42	12	16
4	14	16	288	182	187	702	2250	392	35	30	20	16
5	14	21	399	177	217	2650	1900	654	32	23	33	15
6	13	24	406	166	245	10500	1430	864	33	21	50	15
7	11	23	377	155	208	7790	963	640	74	21	44	17
8	11	22	254	146	166	3970	769	564	127	18	44	17
9	11	18	154	135	149	2400	870	682	178	17	34	16
10	11	17	123	137	193	1580	862	896	146	17	25	16
11	11	17	430	176	336	1120	776	1090	88	20	21	15
12	12	17	1200	252	676	854	639	853	58	24	25	15
13	12	17	1710	290	3570	677	455	468	43	22	24	14
14	11	18	2290	241	7390	589	320	224	34	33	22	14
15	11	20	2030	204	4890	569	229	134	29	47	23	14
16	11	23	1340	221	3010	549	173	101	39	38	19	14
17	13	25	899	259	2190	476	143	82	300	30	16	13
18	16	24	593	286	1580	404	125	68	354	23	19	13
19	17	23	412	269	1240	347	114	58	210	25	21	13
20	16	25	325	245	969	302	109	77	112	18	29	11
21	13	30	272	224	724	260	110	150	68	12	55	9.9
22	12	30	334	192	548	221	281	310	47	9.7	91	13
23	14	48	473	189	434	190	355	445	37	9.8	182	27
24	13	56	594	424	362	173	352	472	31	10	134	33
25	13	41	691	698	301	159	292	487	26	11	66	30
26	15	68	675	888	281	149	169	388	21	10	43	26
27	14	85	517	972	675	141	143	218	20	10	33	24
28	12	102	378	858	1390	203	173	134	55	10	27	24
29	12	73	334	618	1740	245	210	100	76	12	22	21
30	13	82	328	432	---	299	175	79	90	11	19	19
31	13	---	296	316	---	336	---	63	---	9.3	16	---
TOTAL	395	1009	18355	9975	34308	41740	16366	11021	2498	705.8	1186.8	520.9
MEAN	12.7	33.6	592	322	1183	1346	546	356	83.3	22.8	38.3	17.4
MAX	17	102	2290	972	7390	10500	2250	1090	354	67	182	33
MIN	11	14	63	135	149	141	109	58	20	9.3	8.8	9.9
AC-FT	783	2000	36410	19790	68050	82790	32460	21860	4950	1400	2350	1030

CAL YR 1983 TOTAL 190239.8 MEAN 521 MAX 8250 MIN 7.3 AC-FT 377300
WTR YR 1984 TOTAL 138080.5 MEAN 377 MAX 10500 MIN 8.8 AC-FT 273900

07371500 DUGDEMONA RIVER NEAR JONESBORO, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.43	3.79	5.49	7.86	8.03	12.06	8.02	6.31	4.74	5.13	3.42	3.66
2	3.48	3.83	5.10	7.55	7.57	11.54	7.78	5.76	4.54	4.87	3.44	3.66
3	3.56	3.82	5.58	7.39	7.33	10.93	11.64	5.92	4.40	4.54	3.58	3.67
4	3.59	3.85	8.30	7.29	7.36	10.43	12.56	9.05	4.29	4.21	3.88	3.68
5	3.60	4.03	9.13	7.20	7.71	12.50	12.25	10.25	4.19	4.01	4.27	3.66
6	3.54	4.12	9.17	7.02	8.00	16.27	11.75	10.83	4.23	3.94	4.72	3.65
7	3.47	4.07	9.00	6.86	7.61	15.41	11.02	10.22	5.24	3.93	4.56	3.74
8	3.45	4.03	8.06	6.69	7.03	13.76	10.61	9.96	6.35	3.83	4.56	3.74
9	3.48	3.91	6.82	6.49	6.75	12.68	10.84	10.36	7.21	3.78	4.30	3.71
10	3.50	3.84	6.26	6.53	7.39	11.92	10.82	10.89	6.69	3.79	4.01	3.69
11	3.54	3.88	9.18	7.17	8.71	11.32	10.62	11.27	5.59	3.89	3.88	3.67
12	3.56	3.90	11.29	8.05	10.17	10.80	10.22	10.78	4.93	4.03	4.03	3.65
13	3.58	3.94	12.06	8.38	13.40	10.35	9.45	9.47	4.58	3.95	3.99	3.64
14	3.57	3.99	12.59	7.95	15.30	10.06	8.61	7.73	4.34	4.31	3.93	3.63
15	3.57	4.07	12.37	7.57	14.24	9.98	7.83	6.47	4.19	4.67	3.97	3.64
16	3.59	4.15	11.64	7.76	13.15	9.90	7.14	5.83	4.41	4.44	3.83	3.63
17	3.68	4.19	10.89	8.12	12.51	9.57	6.64	5.43	8.20	4.23	3.71	3.61
18	3.82	4.16	10.05	8.35	11.93	9.16	6.32	5.11	8.84	4.01	3.82	3.61
19	3.88	4.15	9.43	8.20	11.51	8.80	6.11	4.88	7.58	4.05	3.88	3.61
20	3.82	4.21	8.65	8.00	11.04	8.48	6.00	5.32	6.06	3.82	4.13	3.51
21	3.73	4.34	8.24	7.80	10.48	8.13	6.02	6.75	5.16	3.59	4.81	3.46
22	3.70	4.35	8.70	7.42	9.89	7.76	8.26	8.47	4.68	3.47	5.58	3.60
23	3.70	4.78	9.55	7.35	9.34	7.39	8.86	9.40	4.43	3.48	7.28	4.08
24	3.77	4.95	10.07	9.24	8.90	7.13	8.84	9.55	4.24	3.50	6.46	4.28
25	3.75	4.61	10.40	10.[illegible]9	8.47	6.92	8.38	9.63	4.09	3.52	5.07	4.20
26	3.87	5.22	10.35	10.88	8.29	6.74	7.05	9.05	3.95	3.49	4.51	4.07
27	3.82	5.54	9.75	11.05	10.24	6.60	6.64	7.68	3.90	3.50	4.25	4.02
28	3.73	5.87	9.00	10.81	11.70	7.48	7.14	6.48	4.86	3.50	4.05	4.02
29	3.72	5.31	8.72	10.15	12.10	8.00	7.64	5.81	5.33	3.58	3.92	3.93
30	3.74	5.49	8.67	9.32	---	8.45	7.16	5.35	5.63	3.53	3.79	3.87
31	3.74	---	8.43	8.58	---	8.73	---	5.01	---	3.45	3.71	---
MAX	3.88	5.87	12.59	11.05	15.30	16.27	12.56	11.27	8.84	5.13	7.28	4.28
MIN	3.43	3.79	5.10	6.49	6.75	6.60	6.00	4.88	3.90	3.45	3.42	3.46

07372190 LITTLE RIVER AT ROCHELLE, LA

LOCATION.--Lat 31°47'35", long 92°21'42", in NW1/4NW1/4 sec. 3, T.9 N., R.1 E. (revised), Grant - La Salle Parish line, Hydrologic Unit 08040304, near center of channel on downstream side of bridge on U.S. Highway 165, at Rochelle, 0.2 mi downstream from confluence of Castor Creek and Dugdemona River, and 5.3 mi upstream from gaging station Little River near Rochelle (station 07372200).

DRAINAGE AREA.--1,892 mi^2.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Gage heights October 1938 to November 1946, February 1948 to September 1957 in files of Corps of Engineers. Unpublished records from October 1957 to September 1973 available in files of the Baton Rouge district office.

GAGE.--Nonrecording gage read twice daily. Datum of gage is 24.79 ft National Geodetic Vertical Datum of 1929. Prior to May 9, 1960, nonrecording gage 0.1 mi upstream at same datum. May 9, 1960 to Jan. 3, 1983 water-stage recorder.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 48.71 ft from floodmark, Dec. 29, 1982; minimum, 6.64 ft Sept. 25, 26, 27, 1980, Oct. 6, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1938, 50.90 ft May 19, 1953, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 40.70 ft Mar. 8; minimum gage height, 6.73 ft, Oct. 10, Nov. 5, observed.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.16	6.90	17.73	23.17	27.44	31.10	16.71	19.30	---	10.05	7.96	9.45
2	7.08	6.86	17.03	22.03	26.36	31.05	17.04	19.04	---	10.06	7.75	9.20
3	7.00	6.80	20.68	21.21	25.16	30.98	21.70	18.64	---	10.30	7.94	8.95
4	6.96	6.75	27.21	20.27	22.84	31.13	26.46	18.25	---	10.47	7.80	8.50
5	6.90	6.73	29.87	18.99	21.33	34.03	28.47	17.77	---	10.50	7.77	8.24
6	6.86	7.04	31.87	17.63	20.02	36.85	31.12	17.48	---	10.36	7.70	8.01
7	6.79	7.44	32.86	16.42	18.44	39.24	33.05	17.40	---	10.10	7.85	7.82
8	6.76	7.39	33.18	15.71	16.76	40.21	33.95	17.61	---	9.79	8.49	7.68
9	6.74	7.32	32.86	15.34	15.53	39.36	34.53	17.88	---	9.49	8.88	7.56
10	6.73	7.26	32.27	18.76	14.77	38.70	34.85	18.36	---	9.28	9.17	7.45
11	6.75	7.25	31.84	22.24	15.10	37.89	34.89	19.03	---	9.00	8.72	7.38
12	6.88	7.34	31.73	22.32	27.16	36.97	34.84	19.55	---	8.62	10.37	7.31
13	6.82	7.37	31.79	21.48	34.89	36.18	34.62	19.97	---	9.26	13.67	7.27
14	6.78	7.31	31.86	20.09	37.28	35.48	33.92	20.00	---	9.64	11.73	7.49
15	6.82	7.24	32.45	19.79	38.20	34.75	32.97	19.77	---	9.26	10.40	7.61
16	6.78	7.17	33.16	20.20	37.95	33.44	31.84	19.60	---	8.95	9.43	7.51
17	6.82	7.11	33.57	20.32	37.18	32.84	30.42	19.54	---	9.01	8.76	7.44
18	7.06	7.06	33.05	20.57	36.38	31.64	28.66	19.50	13.75	8.96	8.40	7.39
19	7.03	9.74	32.23	21.25	36.00	30.34	26.53	---	13.08	8.67	8.24	7.34
20	7.09	14.25	31.40	21.34	35.80	28.80	23.60	---	12.64	8.39	8.27	7.30
21	7.51	12.87	30.58	20.79	38.38	26.88	21.55	---	12.72	8.25	8.37	7.27
22	7.34	11.92	30.59	20.03	34.84	25.00	20.29	---	13.33	8.13	8.42	7.24
23	7.17	15.30	30.53	19.74	34.11	23.12	19.30	---	13.87	8.02	8.43	7.23
24	7.09	18.61	30.34	24.21	33.28	21.57	18.86	---	13.90	7.90	8.53	7.51
25	7.08	20.08	29.44	27.01	32.11	20.32	18.67	---	12.70	7.79	9.40	7.48
26	7.05	20.37	28.00	27.99	31.33	19.38	18.79	---	11.58	7.94	10.33	7.55
27	7.00	20.47	26.45	28.33	31.11	18.63	18.92	---	10.82	7.97	10.88	7.86
28	6.97	20.23	26.28	28.68	31.18	17.94	18.98	---	10.49	10.30	11.03	7.70
29	6.96	19.17	26.29	28.90	31.19	17.39	19.04	---	10.28	10.73	10.84	7.58
30	6.95	18.18	25.37	28.79	---	17.04	19.15	---	10.13	9.31	10.32	7.54
31	6.94	---	24.42	28.25	---	16.82	---	---	---	8.57	9.79	---
MAX	7.51	20.47	33.57	28.90	38.38	40.21	34.89	20.00	---	10.73	13.67	9.45
MIN	6.73	6.73	17.03	15.34	14.77	16.82	16.71	17.40	10.13	7.79	7.70	7.23

BEST COPY AVAILABLE

07372200 LITTLE RIVER NEAR ROCHELLE, LA

LOCATION.--Lat 31°45'15", long 92°20'40", in SW1/4SW1/4 sec.14, T.9 N., R.1 E., Grant - La Salle Parish line, Hydrologic Unit 08040304, near right bank on downstream side of pier of bridge on State Highway 500, 700 ft upstream from Louisiana Midland Railway Co. bridge, 1.1 mi northeast of Zenoria, and 3.0 mi southeast of Rochelle.

DRAINAGE AREA.--1,899 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to current year.

REVISED RECORDS.--WRD LA-1973: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 24.79 ft National Geodetic Vertical Datum of 1929. Water-stage recorder for station Little River at Rochelle (station 07372190) used as auxiliary gage for this station since May 9, 1960. Prior to May 9, 1960, auxiliary nonrecording gage 5.1 mi upstream from base gage at same datum. Nonrecording gage read twice daily at auxiliary gage from Jan. 3, 1983 to Sept. 30, 1984.

REMARKS.--Records good, except those for periods of indefinite stage-discharge relation, Apr. 22 to May 10, 16-18, which are fair. Natural flow is supplemented by effluent from operation of several oil fields upstream from station.

AVERAGE DISCHARGE.--27 years, 2,135 ft^3/s, 15.27 in/yr, 1,547,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1[illegible]00 ft^3/s Dec. 29, 1982, gage height, 45.88 ft, from flood mark; minimum discharge, 9.6 ft^3/s Sept. 26, 27, [illegible]0, gage height, 4.87 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35,600 ft^3/s Mar. 8, gage height, 37.54 ft; minimum discharge, 18 ft^3/s Oct. 9-10; minimum gage height, not determined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	22	1510	2790	4170	5630	645	1180	1110	214	99	225
2	31	21	1370	2470	3800	5710	820	1100	1070	255	78	202
3	28	20	1950	2290	3440	5700	2380	960	990	302	78	176
4	26	19	2860	2070	2720	5800	3840	860	880	325	73	140
5	24	19	4680	1750	2330	8080	4590	800	790	330	67	116
6	22	28	6210	1440	2040	13800	5690	740	720	314	63	97
7	20	40	6840	1140	1670	26500	6710	780	1300	284	69	82
8	19	43	7070	1060	1300	33000	7540	860	1600	253	109	72
9	18	39	6880	1030	1060	27900	8570	940	1700	220	170	64
10	18	36	6480	1740	920	2400	9070	1000	1500	198	179	57
11	19	34	6200	2590	984	19700	9150	1160	1270	175	139	51
12	23	34	6100	2600	2950	15400	9110	1310	1050	145	307	47
13	21	35	6150	2390	9200	12600	8810	1490	920	199	700	43
14	20	36	6210	2040	15300	10600	7990	1520	780	229	436	46
15	21	35	6570	1970	21000	9150	6880	1410	680	176	318	54
16	20	32	6970	2070	20000	8050	6080	1300	600	157	224	54
17	25	30	7200	2100	16300	6770	5090	1190	530	167	165	51
18	34	28	6980	2160	13200	5840	4080	1100	459	163	134	49
19	35	88	6440	2320	12000	4950	3140	1010	397	141	121	46
20	30	835	5920	2340	11300	4110	2070	950	418	118	117	44
21	36	576	5440	2210	10200	3130	1830	890	516	106	120	43
22	45	497	5440	2030	9220	2560	1640	850	654	97	123	46
23	38	1020	5390	1960	8250	2040	1500	810	772	92	126	47
24	31	1640	5370	3100	7250	1640	1350	780	780	86	130	56
25	28	2030	4810	3920	6260	1290	1250	750	579	74	219	59
26	26	1860	3910	4350	5840	1090	1150	720	416	74	314	57
27	25	1840	3520	4530	5630	938	1100	700	318	96	374	68
28	25	2090	3570	4690	5670	730	1150	860	279	247	387	68
29	24	1830	3490	4730	5730	613	1200	990	248	355	371	63
30	23	1610	3030	4720	---	587	1200	1070	216	206	313	61
31	23	---	2880	4490	---	619	---	1100	---	146	258	---
TOTAL	813	16467	157440	81090	209734	246927	125625	31180	23542	5944	6381	2284
MEAN	26.2	549	5079	2616	7232	7965	4188	1006	785	192	206	76.1
MAX	45	2090	7200	4730	21000	33000	9150	1520	1700	355	700	225
MIN	18	19	1370	1030	920	587	645	700	216	74	63	43
CFSM	.01	.29	2.67	1.38	3.81	4.19	2.21	.53	.41	.10	.11	.04
IN.	.02	.32	3.08	1.59	4.11	4.84	2.46	.61	.46	.12	.12	.04
AC-FT	1610	32660	312300	160800	416000	489800	249200	61850	46700	11790	12660	4530

CAL YR 1983 TOTAL 1736994 MEAN 4759 MAX 81700 MIN 18 CFSM 2.51 IN. 34.03 AC-FT 3445000
WTR YR 1984 TOTAL 907427 MEAN 2479 MAX 33000 MIN 18 CFSM 1.31 IN. 17.78 AC-FT 1800000

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07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.33	---	15.45	21.10	24.44	28.21	16.39	18.71	18.79	9.54	6.64	8.02
2	5.25	---	15.07	20.05	23.43	27.98	16.56	18.52	18.58	9.24	6.18	7.81
3	5.17	---	19.29	19.22	22.16	27.80	19.77	18.22	18.39	9.09	6.09	7.34
4	5.13	---	26.11	18.37	20.70	27.81	23.51	17.94	18.21	9.04	6.04	6.91
5	5.10	---	27.78	17.31	19.24	30.73	25.21	17.71	18.03	8.94	5.94	6.56
6	---	5.18	28.51	16.17	17.90	33.45	26.99	17.47	17.97	8.79	5.86	6.29
7	---	5.40	29.13	15.15	16.51	36.26	28.69	17.26	19.87	8.57	5.94	6.07
8	---	5.49	29.43	14.29	15.03	37.47	29.96	17.44	20.53	8.40	6.45	5.91
9	---	5.43	29.29	13.60	13.84	37.04	30.87	17.65	20.68	7.92	7.60	5.76
10	---	5.36	28.70	16.58	13.11	36.21	31.26	17.97	20.38	7.62	8.46	5.64
11	---	5.30	28.54	19.91	12.95	35.36	31.36	18.41	19.92	7.42	8.17	5.54
12	---	5.29	28.80	20.01	25.98	34.40	31.36	18.84	19.15	7.10	8.50	5.46
13	---	5.31	28.77	19.16	31.45	33.40	31.18	19.10	18.09	8.25	12.32	5.39
14	---	5.34	28.58	18.11	33.92	32.45	30.73	19.10	16.97	7.84	10.60	5.41
15	---	5.34	28.72	17.53	35.45	31.63	30.04	18.96	15.97	7.17	9.08	5.54
16	---	5.27	29.17	17.86	35.45	30.86	29.18	18.86	15.10	7.03	8.11	5.55
17	5.15	5.22	29.44	17.99	34.65	30.07	28.11	18.81	14.20	7.17	7.35	5.52
18	5.33	5.18	29.37	18.21	33.71	29.19	26.75	18.77	13.32	7.14	6.90	5.48
19	5.38	6.04	29.00	18.79	33.05	28.16	24.90	18.62	12.66	6.94	6.70	5.43
20	5.22	12.16	28.42	18.81	32.62	26.92	22.61	18.33	12.06	6.69	6.57	5.39
21	5.32	11.66	27.75	18.39	32.18	25.44	20.54	18.08	11.76	6.51	6.54	5.37
22	5.54	10.03	27.74	17.79	31.61	23.74	19.44	18.13	11.96	6.39	6.60	5.44
23	5.43	13.00	27.77	17.56	30.97	22.10	18.93	18.25	12.07	6.34	6.64	5.48
24	5.28	17.05	27.39	21.83	30.24	20.77	18.75	18.39	11.91	6.31	6.64	5.61
25	5.18	17.67	26.95	24.48	29.36	19.71	18.62	18.57	11.27	6.07	7.84	5.68
26	5.13	17.01	26.04	25.13	28.45	18.87	18.59	18.71	10.49	6.01	8.83	5.61
27	5.11	16.88	24.36	25.13	28.48	18.19	18.59	18.77	9.98	6.49	8.98	5.76
28	5.09	17.98	24.06	25.26	28.56	17.63	18.65	18.83	9.74	9.68	9.03	5.82
29	---	17.04	24.19	25.49	28.43	17.14	18.71	18.99	9.65	9.14	8.98	5.75
30	---	15.98	23.64	25.47	---	16.79	18.70	19.07	9.63	8.16	8.62	5.69
31	---	---	22.61	25.11	---	16.53	---	18.99	---	7.32	8.25	---
MAX	5.54	17.98	29.44	25.49	35.45	37.47	31.36	19.10	20.68	9.68	12.32	8.02
MIN	---	---	15.07	13.60	12.95	16.53	16.39	17.26	9.63	6.01	5.86	5.37

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07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1958-59, 1965 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1965 to current year.
WATER TEMPERATURES: May 1980 to current year.

INSTRUMENTATION.--Specific conductance recorder (strip chart) October 1964 to May 22, 1980. Water-quality monitor since May 23, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 26,800 micromhos Nov. 4, 1965; minimum, 40 micromhos Apr. 11-13, June 12-16, 1975.
WATER TEMPERATURES: Maximum, 33.0°C July 13-17, 1980; minimum, 1.0°C Jan. 1, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 1500 micromhos July 29; minimum, 46 micromhos Feb. 15.
WATER TEMPERATURES: Maximum, 31.5°C July 11; minimum, 1.0°C Jan. 1.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 03...	1440	1390	8.1	26.5	50	15	9.2	2.7	8
JAN 09...	1230	218	6.3	5.0	80	15	10.8	3.5	K28
APR 02...	1630	195	6.4	16.0	120	20	7.4	1.1	K25
JUL 16...	1250	567	7.5	29.[illegible]	--	--	--	--	68
AUG 15...	1320	449	6.9	27.0	100	45	--	--	--

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 03...	430	75	21	5.4	250	5.6	105	92	300
JAN 09...	120	25	7.0	1.8	33	2.2	29	34	25
APR 02...	560	28	8.1	2.0	25	1.9	27	23	26
JUL 16...	84	--	--	--	--	--	46	--	--
AUG 15...	--	38	12	2.0	66	2.5	30	47	82

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 03...	.1	13	764	750	.1	8.0	.34
JAN 09...	<.1	14	147	134	<.1	.7	.06
APR 02...	.1	14	140	116	.2	.6	.09
JUL 16...	--	--	--	--	.2	.6	.13
AUG 15...	<.1	7.2	273	237	--	--	--

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 03...	1	<1	1	1	1	<1	6	1	510	2300	1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 03...	<10	260	60	<.1	.01	21	3	13	<.01	2	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 03...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 03...	<.01	<.1	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 03...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT 03...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 03...	<.1	<1	<1	<10	<.01	<.1	.11	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 10.00(FT.),

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1300	1100	1300	1100	---	---	143	136	96	88	88	83
2	1400	1300	1300	1100	281	228	153	142	113	97	83	81
3	1400	1200	1300	1100	293	153	149	143	135	113	84	83
4	1300	1100	1300	1100	144	93	162	149	176	137	90	83
5	1100	1000	1200	1000	93	83	174	163	192	177	122	88
6	1100	981	1200	935	89	81	189	174	190	181	91	63
7	985	927	1100	923	86	83	195	189	188	181	62	56
8	925	911	1200	1000	91	85	205	195	185	181	61	59
9	946	914	1200	1100	95	91	295	205	194	185	61	58
10	924	894	1400	1200	96	93	528	251	213	195	59	58
11	899	870	1400	1300	119	91	296	142	291	214	68	58
12	928	868	1400	1300	116	98	152	128	219	115	91	69
13	951	880	1500	1400	97	87	143	137	127	76	95	89
14	967	878	1400	1300	87	80	141	133	76	49	92	89
15	951	872	1400	1200	81	78	153	133	50	46	90	88
16	879	838	1400	1300	78	74	184	154	61	50	90	88
17	850	814	1400	1300	74	70	160	150	70	62	97	90
18	812	771	1400	1300	72	70	243	161	69	66	98	94
19	---	---	1300	700	78	73	184	154	68	66	96	93
20	876	799	1800	661	84	78	153	142	75	67	101	95
21	865	799	908	458	86	83	---	---	85	75	111	101
22	889	836	441	370	112	85	---	---	95	85	119	112
23	829	796	420	282	115	95	---	---	100	96	121	118
24	921	815	---	---	97	94	---	---	103	100	125	121
25	996	922	---	---	105	97	---	---	107	103	139	126
26	1200	999	---	---	111	104	---	---	110	107	149	139
27	1200	1100	---	---	126	112	---	---	157	108	159	149
28	1200	1100	---	---	220	127	---	---	145	100	173	159
29	1200	1000	---	---	180	128	---	---	99	88	182	175
30	1300	1100	---	---	143	130	---	---	---	---	187	182
31	1300	1100	---	---	140	137	---	---	---	---	197	187
MONTH	1400	771	---	---	293	70	---	---	291	46	197	56

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	203	198	155	150	181	175	408	312	881	631	698	507
2	270	193	153	146	181	176	416	348	952	887	737	645
3	504	184	148	143	180	176	407	269	949	864	743	563
4	264	92	153	147	184	180	320	254	1200	925	675	570
5	91	76	164	151	191	184	338	261	1200	822	674	567
6	79	72	181	165	273	191	346	260	808	648	560	491
7	80	73	208	182	377	230	327	261	887	650	493	463
8	75	70	249	209	621	290	289	260	908	726	529	464
9	83	76	256	246	559	154	311	291	1000	780	607	529
10	79	70	260	210	150	119	354	312	1000	866	697	609
11	69	66	219	186	184	155	421	356	839	585	708	699
12	67	64	177	111	184	165	535	423	611	370	722	705
13	67	65	110	101	164	147	635	502	572	278	757	718
14	70	67	106	101	147	140	622	511	495	348	776	756
15	72	70	122	106	156	141	624	529	460	382	---	---
16	76	72	127	122	204	156	---	---	412	385	---	---
17	83	77	127	118	246	198	550	440	419	380	---	---
18	93	83	127	113	247	231	507	446	472	422	---	---
19	101	93	125	112	278	251	479	458	533	474	---	---
20	113	102	144	125	302	281	519	480	553	529	---	---
21	131	114	168	146	292	255	577	520	593	564	---	---
22	146	131	220	171	266	218	622	578	751	571	---	---
23	162	146	214	196	283	183	635	624	737	698	---	---
24	178	163	264	219	290	215	640	630	781	705	---	---
25	192	179	384	260	232	193	645	636	704	353	---	---
26	210	193	369	268	250	195	636	602	366	318	---	---
27	216	208	265	229	271	209	815	541	421	367	---	---
28	215	197	228	222	300	232	818	427	507	423	---	---
29	194	162	230	220	318	259	1500	631	505	426	---	---
30	162	155	220	180	329	288	690	626	448	401	---	---
31	---	---	180	176	---	---	633	540	496	395	---	---
MONTH	504	64	384	101	621	119	1500	254	1200	278	---	---

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07372200 LITTLE RIVER NEAR ROCHELLE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.0	22.5	19.5	17.5	---	---	1.5	1.0	8.5	8.5	10.5	10.0
2	24.5	22.5	20.5	18.5	12.5	11.5	2.0	1.5	8.5	8.5	10.5	9.5
3	---	---	20.5	19.5	16.5	12.5	2.5	2.0	9.5	8.5	11.5	10.5
4	25.0	23.5	20.0	19.5	17.0	16.5	3.0	2.5	9.5	9.0	12.5	11.5
5	25.5	24.5	20.0	19.0	16.5	16.0	4.0	3.0	9.5	9.5	14.0	12.5
6	24.5	23.0	19.0	18.0	16.0	15.0	5.0	4.0	9.5	9.0	14.0	13.0
7	24.0	22.5	18.0	17.5	15.0	13.5	5.5	5.0	9.0	8.5	13.5	13.0
8	24.5	22.5	17.5	17.0	13.5	13.0	6.5	5.5	8.5	8.0	13.5	13.0
9	24.0	22.5	17.5	16.5	13.0	12.5	---	---	8.5	8.0	13.5	13.0
10	24.5	22.5	17.0	16.0	13.0	13.0	9.0	7.5	9.5	8.5	13.5	13.0
11	24.5	22.5	16.0	14.5	13.5	13.0	9.0	8.0	12.5	9.5	14.0	13.5
12	23.5	22.0	14.5	14.0	13.5	13.5	8.0	7.5	14.5	13.0	14.0	13.5
13	22.0	20.5	14.5	14.0	13.5	12.5	7.5	7.0	14.5	14.0	14.5	14.0
14	21.5	19.5	16.5	14.5	12.5	11.5	7.0	6.5	14.5	14.0	15.0	14.5
15	21.0	19.0	16.5	16.0	11.5	11.0	6.5	6.0	14.5	14.0	16.0	15.0
16	22.0	20.0	16.0	15.0	11.0	10.0	6.0	5.5	15.0	14.5	17.5	16.0
17	22.5	20.5	15.0	14.5	10.0	9.0	5.5	5.5	15.0	14.5	18.5	17.5
18	23.0	21.5	16.0	15.0	9.0	9.0	5.0	5.0	15.5	14.5	19.5	18.5
19	23.5	22.0	18.0	16.0	8.5	8.0	5.0	4.5	15.5	15.0	20.0	19.5
20	24.0	23.0	17.5	17.0	8.0	7.0	4.5	4.0	15.0	14.5	19.5	19.0
21	24.5	23.5	17.0	16.0	7.0	6.0	---	---	14.5	14.0	18.5	18.0
22	24.0	23.0	17.0	16.0	6.0	5.5	---	---	14.0	13.5	18.0	17.5
23	23.0	21.5	18.5	17.0	5.5	4.5	---	---	13.5	13.0	18.0	17.5
24	22.0	21.0	---	---	4.5	3.5	---	---	14.0	13.5	18.0	17.5
25	21.0	20.0	---	---	3.5	2.5	---	---	14.0	13.5	18.0	17.0
26	20.0	19.0	---	---	2.5	1.5	---	---	13.5	13.5	18.0	17.5
27	19.5	18.0	---	---	2.0	1.5	---	---	13.5	12.5	18.0	18.0
28	18.5	18.0	---	---	2.0	1.5	---	---	12.5	11.5	18.0	17.5
29	18.5	17.5	---	---	2.0	2.0	---	---	11.5	10.5	17.5	17.0
30	18.0	17.0	---	---	2.0	1.5	---	---	---	---	17.5	17.0
31	18.5	17.5	---	---	1.5	1.5	---	---	---	---	17.5	17.0
MONTH	25.5	17.0	---	---	17.0	1.5	---	---	15.5	8.0	20.0	9.5

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	17.5	17.0	21.5	21.5	23.5	23.0	28.5	27.5	28.0	27.5		
2	---	---	22.5	21.5	23.5	22.5	29.0	27.5	28.0	28.0		
3	17.0	17.0	23.5	22.5	23.5	23.0	29.0	28.0	28.5	28.0		
4	17.5	17.0	23.5	22.5	23.5	23.0	29.5	28.5	28.5	28.5		
5	17.5	17.0	24.0	23.0	24.0	23.5	29.5	29.0	28.5	28.0		
6	17.0	16.5	24.5	23.5	24.5	24.0	30.0	28.5	28.5	28.0		
7	17.0	16.5	25.0	24.5	25.0	23.5	30.5	29.0	28.5	28.0		
8	17.0	16.5	25.0	25.0	25.5	24.5	30.5	29.0	28.0	27.5		
9	17.5	17.0	25.0	24.0	25.0	24.5	30.5	29.5	28.0	27.5		
10	18.0	17.0	24.5	23.5	25.5	24.5	31.0	29.5	27.5	27.0		
11	18.5	18.0	24.0	23.5	25.5	25.0	31.5	29.5	28.0	27.0		
12	19.0	18.5	23.5	22.5	26.0	25.5	31.0	30.0	28.0	27.5		
13	19.5	19.0	22.5	22.0	26.5	26.0	30.5	29.0	27.5	26.5		
14	20.0	19.5	23.0	22.5	27.0	26.5	29.5	28.5	26.5	26.0		
15	20.0	19.0	23.5	23.0	27.5	26.5	30.0	28.5	27.0	26.5		
16	19.0	18.0	23.5	23.0	27.5	26.5	31.0	29.0	27.5	27.0		
17	18.0	17.5	23.5	23.0	28.0	26.5	30.5	29.5	28.0	27.5		
18	18.0	17.5	23.5	23.0	28.0	27.0	30.0	29.5	29.0	28.0		
19	18.0	17.5	23.5	23.0	28.0	27.0	30.5	29.0	29.5	28.5		
20	19.5	18.0	23.0	22.5	29.0	27.5	30.0	29.0	29.5	28.5		
21	20.0	19.5	23.0	22.5	29.5	28.0	30.0	28.5	29.0	28.5		
22	20.0	19.5	23.0	22.5	29.5	28.5	29.5	29.0	29.0	28.5		
23	20.5	19.5	23.5	23.0	29.5	29.0	29.5	29.0	---	---		
24	20.5	19.5	24.0	23.0	29.5	29.0	29.5	28.5	---	---		
25	21.0	20.0	24.0	23.5	29.5	28.5	29.0	28.5	---	---		
26	21.5	21.0	24.5	23.5	29.5	29.0	29.5	28.0	---	---		
27	21.5	21.0	24.5	24.0	29.0	28.5	29.5	28.5	---	---		
28	21.5	21.0	25.0	24.5	28.5	27.5	28.0	27.5	---	---		
29	22.0	21.5	25.0	24.5	28.0	27.5	27.5	26.5	---	---		
30	22.0	21.5	24.5	23.5	28.0	27.0	27.5	25.5	---	---		
31	---	---	23.5	23.0	---	---	27.5	27.0	---	---		
MONTH	22.0	16.5	25.0	21.5	29.5	22.5	31.5	26.5	---	---		

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07373000 BIG CREEK AT POLLOCK, LA
(Hydrologic bench-mark station)

LOCATION.--Lat 31°32'10", long 92°24'30", in SW1/4SE1/4 sec.31, T.7 N., R.1 E., Grant Parish, Hydrologic Unit 08040304, near right bank on downstream side of bridge on U.S. Highway 165, 0.5 mi upstream from Sugar Branch, 0.8 mi upstream from water-supply diversion dam, 0.8 mi north of Pollock, and 1.3 mi downstream from Dyson Creek.

DRAINAGE AREA.--51 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1942 to current year.

REVISED RECORDS.--WDR LA 75-1: 1958(M), 1966(M).

GAGE.--Duplex water-stage recorder (rain gage and water stage combination), concrete control since July 16, 1964. datum of gage is 76.69 ft National Geodetic Vertical Datum of 1929. Prior to Feb. 25, 1942, nonrecording gage, and Feb. 25, 1942 to June 21, 1955, water-stage recorder at site 0.3 mi downstream at same datum; June 21, 1955 to May 18, 1964, water-stage recorder at present site and datum.

REMARKS.--Water-discharge records good. Supplementary recording rain gage 3.8 mi northwest of station since June 26, 1964 (discontinued August 1984).

AVERAGE DISCHARGE.--42 years, 61.9 ft^3/s, 16.40 in/yr, 44,850 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 23,500 ft^3/s Apr. 29, 1953, gage height, 18.03 ft; minimum, 3.7 ft^3/s Sept. 29, 1956, gage height, 1.08 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 950 ft^3/s (revised) and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 12	1300	*7250	*14.52	June 7	unknown	2000	10.86
Mar. 5	1300	5670	13.61				

Minimum discharge, 17 ft^3/s Sept. 17, 18, 19, 20, 21, gage height, 2.95 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	20	43	47	42	71	44	33	24	35	25	29
2	21	20	42	47	41	65	122	33	24	27	24	25
3	20	20	370	46	62	64	306	32	23	25	23	23
4	20	23	333	44	54	62	91	30	22	24	23	68
5	20	33	88	43	45	2740	64	28	21	22	21	42
6	19	27	129	42	40	750	57	27	21	22	19	27
7	19	43	72	41	39	159	53	27	800	22	28	24
8	19	33	56	40	39	104	327	93	100	24	32	22
9	19	25	49	45	40	84	209	44	70	32	26	22
10	19	22	82	97	45	74	80	33	50	25	35	22
11	19	22	426	61	63	69	66	30	42	25	28	22
12	20	22	124	48	4870	75	58	28	38	24	25	20
13	20	22	72	45	1200	77	53	27	34	64	56	21
14	19	22	74	43	206	66	49	27	31	74	36	21
15	19	21	57	62	122	66	45	25	29	53	28	19
16	20	21	51	56	230	64	44	24	27	30	25	18
17	20	21	66	49	115	59	44	24	25	25	24	18
18	28	21	53	53	86	58	42	24	90	25	24	18
19	22	105	47	51	77	61	42	27	50	24	23	18
20	21	396	43	44	69	59	41	41	36	22	30	17
21	21	57	72	41	79	54	42	49	30	21	35	19
22	24	59	252	40	69	52	41	84	27	20	27	37
23	23	167	79	122	61	51	40	46	25	102	27	43
24	21	75	57	352	57	62	39	36	23	39	30	29
25	21	44	47	119	53	58	39	31	22	24	25	25
26	20	37	46	72	180	49	38	33	23	32	24	22
27	20	94	57	59	452	46	37	33	24	28	24	21
28	20	88	196	54	122	66	36	30	27	66	23	21
29	20	46	80	51	80	56	35	28	26	79	22	20
30	20	40	54	47	---	46	34	26	30	35	22	20
31	20	---	48	42	---	45	---	25	---	29	37	---
TOTAL	635	1646	3265	2003	8638	5412	2218	1078	1814	1099	851	753
MEAN	20.5	54.9	105	64.6	298	175	73.9	34.8	60.5	35.5	27.5	25.1
MAX	28	396	426	352	4870	2740	327	93	800	102	56	68
MIN	19	20	42	40	39	45	34	24	21	20	19	17
CFSM	.40	1.08	2.06	1.27	5.84	3.43	1.45	.68	1.19	.70	.54	.49
IN.	.46	1.20	2.38	1.46	6.30	3.95	1.62	.79	1.32	.80	.62	.55
AC-FT	1260	3260	6480	3970	17130	10730	4400	2140	3600	2180	1690	1490
(+)	1.12	6.60	6.53	----	7.27	2.96	4.50	2.36	4.39	5.80	3.31	3.32

CAL YR 1983 TOTAL 38747 MEAN 106 MAX 4410 MIN 19 CFSM 2.08 IN. 28.26 AC-FT 76850
WTR YR 1984 TOTAL 29412 MEAN 80.4 MAX 4870 MIN 17 CFSM 1.58 IN. 21.45 AC-FT 58340
(+) PRECIPITATION, IN INCHES, DURING MONTH AT RAIN GAGE AT STATION. TOTAL FOR CALENDAR YEAR 1983, 61.66 INCHES.

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07373000 BIG CREEK AT POLLOCK, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.03	3.00	3.31	3.35	3.30	3.53	3.32	---	---	3.23	3.10	3.15
2	3.03	3.00	3.30	3.35	3.29	3.49	3.70	3.21	---	3.13	3.08	3.09
3	3.01	3.00	5.40	3.34	3.47	3.48	4.86	3.19	---	3.09	3.06	3.06
4	3.01	3.06	5.07	3.32	3.41	3.47	3.65	3.16	---	3.07	3.06	3.51
5	3.00	3.20	3.63	3.31	3.33	10.67	3.48	3.14	---	3.05	3.03	3.30
6	2.99	3.12	3.82	3.30	3.28	7.36	3.43	3.13	---	3.05	2.99	3.13
7	2.99	3.31	3.54	3.29	3.27	3.95	3.40	3.13	---	3.04	3.14	3.08
8	2.99	3.21	3.42	3.28	3.27	3.71	5.12	3.66	---	3.08	3.19	3.05
9	2.99	3.10	3.37	3.33	3.28	3.61	4.18	3.32	---	3.19	3.11	3.05
10	2.99	3.05	3.55	3.68	3.33	3.55	3.59	3.20	---	3.10	3.23	3.05
11	2.99	3.05	5.79	3.46	3.42	3.56	3.50	3.16	---	3.09	3.14	3.04
12	3.00	3.05	3.80	3.36	12.91	3.56	3.44	3.14	---	3.08	3.10	3.01
13	3.00	3.05	3.54	3.33	8.91	3.57	3.40	3.13	---	3.48	3.42	3.03
14	2.99	3.04	3.55	3.31	4.22	3.50	3.37	3.13	---	3.49	3.24	3.02
15	2.98	3.03	3.43	3.47	3.79	3.50	3.33	3.10	---	3.40	3.14	2.99
16	3.00	3.02	3.38	3.42	4.30	3.48	3.32	3.08	---	3.17	3.10	2.97
17	3.01	3.02	3.50	3.37	3.76	3.45	3.32	3.07	---	3.10	3.08	2.96
18	3.14	3.02	3.40	3.40	3.62	3.44	3.30	3.08	---	3.09	3.07	2.96
19	3.04	3.61	3.35	3.38	3.57	3.46	3.30	3.13	---	3.07	3.06	2.96
20	3.02	5.56	3.31	3.32	3.52	3.45	---	3.29	---	3.04	3.16	2.95
21	3.03	3.43	3.50	3.29	3.58	3.41	---	3.37	---	3.02	3.23	2.98
22	3.07	3.42	4.44	3.28	3.52	3.39	---	3.61	---	3.01	3.13	3.25
23	3.06	4.01	3.58	3.70	3.46	3.38	---	3.34	---	3.60	3.12	3.31
24	3.03	3.56	3.43	5.22	3.43	3.47	---	3.24	---	3.27	3.16	3.15
25	3.02	3.32	3.35	3.78	3.40	3.44	---	3.18	---	3.08	3.10	3.10
26	3.01	3.25	3.34	3.54	4.22	3.37	---	3.21	3.06	3.19	3.07	3.04
27	3.00	3.61	3.43	3.45	5.93	3.34	---	3.21	3.07	3.14	3.07	3.03
28	3.00	3.63	4.13	3.41	3.79	3.50	---	3.16	3.13	3.50	3.06	3.03
29	3.00	3.34	3.57	3.38	3.59	3.42	---	---	3.11	3.58	3.05	3.01
30	3.00	3.28	3.41	3.35	---	3.34	---	---	3.16	3.23	3.05	3.00
31	3.00	---	3.36	3.30	---	3.33	---	---	---	3.15	3.25	---
MAX	3.14	5.56	5.79	5.22	12.91	10.67	5.12	3.66	---	3.60	3.42	3.51
MIN	2.98	3.00	3.30	3.28	3.27	3.33	---	3.07	---	3.01	2.99	2.95

07373000 BIG CREEK AT POLLOCK, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1943, 1959, 1965 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1964 to September 1973, October 1974 to September 1976.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum, 31.0°C July 30 to Aug. 1, 1976; minimum, 2.0°C Jan. 15, 1969, Jan. 10, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 03...	1340	21	53	5.6	19.0	15	4.5	8.6	.5	190	1600
JAN 09...	1200	40	38	6.5	8.0	15	6.0	10.7	2.0	K38	280
APR 02...	1115	44	37	5.8	15.0	30	5.3	9.0	.8	64	110
JUL 16...	1130	31	34	6.4	25.5	--	--	--	--	K360	580
AUG 15...	1410	29	38	6.8	25.0	40	6.0	--	--	--	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 03...	13	3.2	1.1	6.0	1.4	13	1.3	6.7	<.1
JAN 09...	8	1.6	.88	4.0	1.0	10	1.8	4.1	<.1
APR 02...	7	1.6	.77	3.9	1.0	12	.2	4.0	<.1
JUL 16...	--	--	--	--	--	5	--	--	--
AUG 15...	7	1.7	.68	3.4	1.2	11	1.6	3.6	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 03...	21	--	48	<.1	.09	.3	.03	--	.03
JAN 09...	18	47	37	<.1	<.01	.5	.03	.02	<.01
APR 02...	17	45	35	<.1	<.01	.3	<.01	<.01	<.01
JUL 16...	--	--	--	<.1	.01	.4	.04	<.01	<.01
AUG 15...	17	--	36	--	--	--	--	--	--

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07373000 BIG CREEK AT POLLOCK, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
03...	10	1	48	<.5	1	<1	<3	18	190	3
APR										
02...	40	1	32	<1	2	<1	4	3	220	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
03...	<4	46	<.1	<10	2	<1	1	30	<6	48
APR										
02...	4	46	<.1	<10	1	<1	2	16	<6	13

DATE	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
APR								
02...	<.8	<.4	1.7	.5	1.4	.5	.04	.11

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
03...	39	2.2	67
JAN			
09...	14	1.5	66
MAR			
13...	36	--	56
APR			
02...	11	1.3	57
MAY			
04...	26	--	52
JUL			
13...	70	--	85
16...	26	2.2	98

< Actual value is known to be less than the value shown.

07373250 HEMPHILL CREEK AT NEBO, LA

LOCATION.--Lat 31°35'04", long 92°07'55", in NW1/4NE1/4 in lot 39, T.7 N., R.3 E., La Salle Parish, Hydrologic Unit 08040304, at left bank on downstream side of bridge on State Highway 460, 0.6 mi east of Nebo, 1.4 mi upstream from Mason Creek, and 2.2 mi downstream from Mill Creek.

DRAINAGE AREA.--35.3 mi^2.

PERIOD OF RECORD.--Occasional low-flow and miscellaneous measurements, water years 1956-63, 1966-67, 1970. August 1978 to current year.

REVISED RECORDS.--WRD LA-82-1: 1979-81 (M).

GAGE.--Water-stage recorder. Datum of gage is 46.58 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except those for period of no gage-height record Oct. 13 to Nov. 13, which are fair.

AVERAGE DISCHARGE.--6 years, 64.3 ft^3/s, 24.74 in/yr, 46,580 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,600 ft^3/s Dec. 27, 1982, gage height, 14.2 ft; from floodmarks, from rating curve extended above 6,000 ft^3/s on basis of slope-area measurement at gage height 14.2 ft; minimum, 10 ft^3/s part of each day June 7, 9, 10, 11, 14, 15, 16, 19, 20, 21, 1982, minimum gage height, 2.31 ft Sept. 14, 15, 16, 17, 18, 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,390 ft^3/s Feb. 12, gage height, 11.21 ft; minimum, 12 ft^3/s July 22, 23; minimum gage height, 2.18 ft Sept. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	19	27	30	29	42	31	27	26	20	23	20
2	21	19	25	30	29	39	133	26	25	18	22	20
3	21	18	103	29	42	37	106	26	25	17	22	20
4	21	28	67	28	33	36	42	25	26	18	24	31
5	21	27	54	27	30	2430	33	23	27	22	23	21
6	21	22	107	27	29	159	31	24	625	16	24	20
7	21	31	36	25	29	85	30	24	1150	15	25	20
8	21	23	30	26	29	65	506	51	78	16	25	20
9	21	21	27	35	30	55	76	24	55	15	23	20
10	21	20	35	118	31	50	49	23	38	15	22	20
11	21	19	244	45	172	47	42	23	33	15	21	19
12	21	19	45	34	3550	50	38	23	31	16	72	19
13	20	18	44	31	212	46	36	23	30	18	113	19
14	20	18	46	30	93	43	36	22	29	16	31	19
15	20	17	33	50	77	41	33	22	37	15	24	19
16	20	17	33	40	349	39	32	22	31	14	22	19
17	20	18	35	34	77	38	31	23	28	15	21	18
18	35	18	30	49	58	38	31	32	32	14	20	18
19	24	146	27	38	54	38	31	35	29	14	20	18
20	22	104	27	31	49	37	30	40	26	13	36	19
21	21	26	112	29	51	35	29	54	23	13	25	20
22	33	31	130	29	46	34	30	55	21	13	21	29
23	23	116	45	175	41	33	27	34	21	17	158	23
24	21	37	34	193	39	33	27	31	20	16	41	22
25	21	25	32	59	36	33	27	30	19	17	26	20
26	20	24	32	44	191	32	29	29	19	17	23	19
27	20	43	41	38	204	32	30	29	21	109	22	19
28	20	31	147	35	55	32	30	31	62	141	21	19
29	19	25	46	33	46	32	29	29	58	56	21	19
30	19	24	35	31	---	32	27	27	26	28	21	19
31	19	---	31	30	---	32	---	26	---	24	20	---
TOTAL	669	1004	1760	1453	5711	3775	1662	913	2671	773	1012	608
MEAN	21.6	33.5	56.8	46.9	197	122	55.4	29.5	89.0	24.9	32.6	20.3
MAX	35	146	244	193	3550	2430	506	55	1150	141	158	31
MIN	19	17	25	25	29	32	27	22	19	13	20	18
CFSM	.61	.95	1.61	1.33	5.58	3.46	1.57	.84	2.52	.71	.92	.58
IN.	.71	1.06	1.85	1.53	6.02	3.98	1.75	.96	[illegible]	.81	1.07	.64
AC-FT	1330	1990	3490	2880	11330	7490	3300	1810	[illegible]	1530	2010	1210

CAL YR 1983 TOTAL 35191 MEAN 96.4 MAX 3380 MIN 17 CFSM 2.73 IN. 37.09 AC-FT 69800
WTR YR 1984 TOTAL 22011 MEAN 60.1 MAX 3550 MIN 13 CFSM 1.70 IN. 23.20 AC-FT 43660

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07373250 HEMPHILL CREEK AT NEBO, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.31	---	2.43	2.48	2.47	2.82	2.79	2.58	2.57	2.45	2.31	2.23
2	2.31	---	2.39	2.47	2.47	2.77	3.45	2.57	2.57	2.42	2.31	2.22
3	2.31	---	3.12	2.46	2.65	2.74	3.51	2.57	2.56	2.41	2.30	2.22
4	2.31	---	2.91	2.45	2.53	2.73	2.94	2.55	2.57	2.42	2.33	2.40
5	2.31	---	2.70	2.44	2.48	7.43	2.82	2.53	2.59	2.48	2.31	2.24
6	2.30	---	3.26	2.42	2.46	3.91	2.78	2.53	3.87	2.37	2.34	2.22
7	2.30	---	2.57	2.41	2.46	3.40	2.76	2.53	5.78	2.35	2.35	2.21
8	2.30	---	2.48	2.41	2.46	3.22	4.85	2.89	3.22	2.38	2.36	2.21
9	2.30	---	2.44	2.54	2.48	3.11	3.19	2.54	2.97	2.36	2.32	2.22
10	2.30	---	2.54	3.40	2.50	3.05	2.91	2.52	---	2.35	2.30	2.21
11	2.31	---	4.01	2.69	2.95	3.00	2.81	2.52	---	2.35	2.28	2.21
12	2.31	---	2.69	2.55	9.03	3.05	2.77	2.52	---	2.38	2.62	2.20
13	---	---	2.68	2.50	4.10	2.99	2.73	2.51	---	2.43	3.19	2.20
14	---	2.34	2.71	2.47	3.35	2.95	2.73	2.51	---	2.39	2.46	2.20
15	---	2.34	2.53	2.76	3.18	2.93	2.68	2.51	---	2.35	2.34	---
16	---	2.34	2.52	2.63	4.53	2.91	2.67	2.51	---	2.34	2.30	---
17	---	2.35	2.56	2.54	3.20	2.89	2.66	2.51	---	2.35	2.28	2.19
18	---	2.35	2.48	2.74	3.01	2.89	2.65	2.64	---	2.34	2.27	2.19
19	---	3.04	2.44	2.59	2.97	2.89	2.65	2.71	---	2.32	2.26	2.19
20	---	3.13	2.42	2.50	2.90	2.88	2.64	2.78	---	2.31	2.52	2.19
21	---	2.41	3.11	2.47	2.93	2.85	2.63	2.91	2.52	2.31	2.35	2.21
22	---	2.48	3.45	2.46	2.86	2.83	2.64	2.96	2.49	2.30	2.28	2.38
23	---	3.29	2.69	3.60	2.81	2.82	2.59	2.70	2.47	2.39	3.29	2.27
24	---	2.58	2.54	3.86	2.77	2.82	2.58	2.65	2.46	2.37	2.56	2.26
25	---	2.40	2.51	2.86	2.73	2.81	2.59	2.63	2.45	2.39	2.33	2.22
26	---	2.37	2.51	2.68	3.41	2.80	2.63	2.62	2.44	2.39	2.28	2.21
27	---	2.66	2.64	2.60	3.87	2.80	2.63	2.62	2.48	2.93	2.26	2.21
28	---	2.50	3.57	2.56	2.98	2.81	2.64	2.66	2.77	3.44	2.25	2.21
29	---	2.39	2.70	2.53	2.87	2.80	2.63	2.63	2.97	2.76	2.24	2.20
30	---	2.38	2.56	2.50	---	2.80	2.59	2.59	2.57	2.40	2.24	2.20
31	---	---	2.50	2.48	---	2.80	---	2.58	---	2.34	2.23	---
MAX	---	3.29	4.01	3.86	9.03	7.43	4.85	2.96	5.78	3.44	3.29	2.40
MIN	---	2.34	2.39	2.41	2.46	2.73	2.58	2.51	2.44	2.30	2.23	2.19

07373278 LAKE ST. JOHN NEAR WATERPROOF, LA

LOCATION.--Lat 31°42'23", long 91°27'42", lot 46, T.8 N., R. 10 E., Concordia Parish, Hydrologic Unit 08040306, near left bank on upstream side of bridge on State Highway 568, 8.0 mi southwest of Waterproof.

DRAINAGE AREA.--14.8 mi2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1967 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Since Aug. 25, 1981, a nonrecording supplemental gage at private fishing pier 700 ft upstream at datum 36.00 ft lower and used whenever lake elevation is too low to enter Buckner Bayou. Prior to May 19, 1981, water-stage recorder at site 8.5 mi southwest of Waterproof at same datum and prior to Oct. 1, 1976, at datum 50.00 ft higher.

REMARKS.--Lake is formed from an oxbow lake by four control structures; two are on Buckner Bayou. Buckner Bayou floodgate consists of two 4.0-ft pipes (invert elevations, 47.9 ft) with stoplogs which raise elevation to 53.0 ft. Structure built about 1948. Adjacent to the floodgate is Buckner Bayou weir, which was built about 1975. The weir has a 30-ft length with crest elevation of 53.0 ft.

Lake St. John Control Structure is on lateral canal 2-A near southern end of Lake St. John on west side of lake. This structure consists of two 8.5-by 3.5-ft timber gates with invert of gates at elevation 53.0 ft and was built about 1967.

Little Tensas Bayou Control Structure is located at northeast of end of Lake St. John and consists of a 5.0-ft pipe with flap valve. Invert of pipe is 50.3 ft elevation.

Lake is used for conservation and flood control.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 58.17 ft, present datum, May 13, 1973; minimum observed, 50.25 ft, present datum, Nov. 17, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 55.14 ft Mar. 7; minimum, 52.76 ft Nov. 19.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53.40	52.92	53.24	53.93	54.08	54.21	54.29	54.35	54.48	54.63	54.11	54.08
2	53.38	52.91	53.22	53.93	54.07	54.18	54.28	54.34	54.46	54.62	54.11	54.07
3	53.37	52.90	53.23	53.53	54.08	54.19	54.37	54.35	54.45	54.60	54.09	54.05
4	53.36	52.88	53.34	53.93	54.07	54.17	54.35	54.33	54.43	54.57	54.07	54.04
5	53.34	52.93	53.34	53.93	54.05	54.73	54.33	54.33	54.42	54.55	54.06	54.00
6	53.31	52.91	53.55	53.92	54.02	55.07	54.33	54.32	54.41	54.52	54.06	53.97
7	53.31	52.92	53.61	53.92	54.00	55.14	54.32	54.32	54.85	54.50	54.05	53.94
8	53.28	52.90	53.61	53.92	53.99	55.07	54.38	54.88	54.97	54.47	54.23	53.93
9	53.27	52.90	53.60	53.92	53.98	55.02	54.39	35.02	54.98	54.51	54.22	53.90
10	53.24	52.87	53.60	54.03	54.00	54.96	54.37	55.05	54.94	54.49	54.21	53.88
11	53.21	52.85	53.74	54.02	54.00	54.90	54.46	55.02	54.88	54.46	54.20	53.87
12	53.22	52.82	53.77	54.01	54.07	54.83	54.44	54.98	54.81	54.44	54.18	53.81
13	53.19	52.82	53.77	54.01	54.32	54.80	54.44	54.94	54.77	54.42	54.18	53.77
14	53.17	52.80	53.78	54.03	54.34	54.75	54.44	54.90	54.76	54.46	54.20	53.74
15	53.15	52.84	53.77	54.06	54.31	54.67	54.41	54.87	54.73	54.44	54.19	53.70
16	53.14	52.81	53.77	54.06	54.39	54.62	54.39	54.82	54.70	54.41	54.17	53.64
17	53.13	52.80	53.79	54.06	54.39	54.57	54.39	54.78	54.66	54.40	54.16	53.59
18	53.12	52.78	53.77	54.11	54.36	54.53	54.36	54.74	54.63	54.38	54.15	53.55
19	53.11	52.78	53.77	54.10	54.34	54.49	54.35	54.71	54.61	54.37	54.13	53.51
20	53.10	52.98	53.72	54.09	54.30	54.49	54.35	54.68	54.59	54.34	54.22	53.48
21	53.09	52.97	53.71	54.08	54.28	54.46	54.35	54.66	54.56	54.32	54.25	53.45
22	53.10	52.96	53.79	54.07	54.25	54.43	54.40	54.68	54.54	54.30	54.24	53.39
23	53.07	53.13	53.78	54.08	54.22	54.41	54.38	54.66	54.51	54.28	54.26	53.39
24	53.05	53.20	53.76	54.17	54.18	54.41	54.36	54.64	54.50	54.25	54.24	53.37
25	53.03	53.16	53.74	54.18	54.16	54.41	54.35	54.62	54.47	54.24	54.21	53.32
26	53.00	53.13	53.72	54.17	54.14	54.39	54.33	54.60	54.44	54.23	54.19	53.29
27	52.98	53.21	53.75	54.16	54.29	54.38	54.36	54.58	54.41	54.20	54.17	53.23
28	52.96	53.26	53.90	54.14	54.28	54.36	54.36	54.56	54.66	54.20	54.15	53.19
29	52.95	53.25	53.94	54.13	54.24	54.33	54.36	54.58	54.66	54.18	54.13	53.13
30	52.94	53.24	53.93	54.12	---	54.32	54.36	54.53	54.65	54.15	54.12	53.08
31	52.92	---	53.94	54.09	---	54.30	---	54.50	---	54.14	54.11	---
MAX	53.40	53.26	53.94	54.18	54.39	55.14	54.46	55.05	54.98	54.63	54.26	54.08
MIN	52.92	52.78	53.22	53.92	53.98	54.17	54.28	54.32	54.41	54.14	54.05	53.08

07373278 LAKE ST. JOHN NEAR WATERPROOF, LA--Continued

WATER-QUALITY RECORDS

LOCATION.--Samples collected 1.5 mi southeast of gage.

PERIOD OF RECORD.--Water years 1963, 1967, 1977 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 07...	0930	168	7.7	24.0	0	3.0	8.2	3.1	K2
JAN 12...	1700	145	7.0	4.5	5	7.0	12.2	--	K6
APR 05...	1515	138	7.2	17.5	20	25	8.5	--	K3
JUL 19...	1500	159	9.4	32.0	5	15	14.0	6.7	K4

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 07...	K13	62	17	4.7	6.6	4.0	59	3.0	10
JAN 12...	29	54	15	4.1	5.9	3.6	53	4.0	9.0
APR 05...	K1	48	13	3.8	6.0	3.6	51	3.9	8.4
JUL 19...	K4	60	17	4.3	5.6	3.9	59	3.5	9.1

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 07...	.1	8.4	103	89	<.1	--	2.0	.10	--
JAN 12...	.1	2.4	84	76	.1	--	1.1	.07	--
APR 05...	.1	1.5	80	71	<.1	--	.8	.05	--
JUL 19...	.1	4.9	96	84	<.1	.06	1.3	.10	.01

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

BEST COPY AVAILABLE

07373278 LAKE ST. JOHN NEAR WATERPROOF, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)
JAN 12...	1	6	<1	1	4	1	2	130	61	3700	2	30

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 12...	6	200	.06	19	31	5.6	<.01	5	<.1	<1	<.1	<1

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 12...	<.01	<.1	<.1	4	<.01	<.1	<.01	57	<.01	<.1	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
JAN 12...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 12...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN 12...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.11	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07373280 LAKE CONCORDIA NEAR FERRIDAY, LA

LOCATION.--Lat 31°37'30", long 91°32'35", in lot 57, T.8 N., R.9 E., Concordia Parish, Hydrologic Unit 08040306, on upstream side of second control structure at Ferriday.

DRAINAGE AREA.--8.9 mi^2.

PERIOD OF RECORD.--Water years 1961, 1967, 1978 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 07...	0830	265	7.2	23.5	5	4.0	5.2	2.9	K4
JAN 13...	0915	264	7.4	5.0	5	3.0	12.8	3.0	K3
APR 06...	0830	274	8.2	17.5	5	3.0	9.7	2.2	K2
JUL 19...	1610	271	8.3	32.5	5	5.0	12.2	5.9	K4

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 07...	170	120	28	12	9.8	3.7	123	1.7	5.9
JAN 13...	30	120	30	12	7.3	3.8	135	3.1	5.9
APR 06...	K13	120	31	11	6.8	3.7	133	7.0	5.8
JUL 19...	21	120	24	14	8.5	4.5	132	.4	7.2

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 07...	.1	13	158	148	<.1	--	.9	.10	--
JAN 13...	.1	.3	148	144	<.1	--	1.3	.05	--
APR 06...	.1	.1	156	148	<.1	--	.7	.03	--
JUL 19...	.2	5.0	--	143	<.1	.33	1.7	.12	.02

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07373280 LAKE CONCORDIA NEAR FERRIDAY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)
JAN 13...	1	6	<1	<1	2	<1	1	25	<3	6	3	10

DATE	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 13...	<1	10	.06	4	2	5.4	<.01	.4	<.1	<1	<.1	<1

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 13...	<.01	<.1	<.1	<1	<.01	<.1	<.01	16	<.01	<.1	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
JAN 13...	.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
JAN 13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
JAN 13...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.14	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

07373280S LAKE CONCORDIA AT FERRIDAY, LA

LOCATION.--Lat 31°37'30", long 91°32'35", in lot 57, T.8 N., R.9 E., Concordia Parish, Hydrologic Unit 08040306, on upstream side of second control structure at Ferriday.

DRAINAGE AREA.--8.91 mi^2.

PERIOD OF RECORD.--January 1967 to September 1976 (gage heights only). October 1976 to current year (elevations only). Published as Lake Concordia near Ferriday, January 1967 to September 1980.

REVISED RECORDS.--WDR LA-81-1: 1977-80 (M).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1976, at datum 28.00 ft higher. Prior to Apr. 9, 1981, at site 3.5 mi northeast of Ferriday at same datum.

REMARKS.--Lake is formed from an oxbow lake by two adjacent structures on Bayou Cocodrie. One structure, built about 1948, is a 4.0-ft pipe with invert at 46.0 ft. The second structure is a 5.0-ft pipe with a single gate. The invert of this pipe is 42.0 ft. This structure was built about 1975 to permit the lowering of the lake when needed. Lake is used for conservation and flood control.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 55.33 ft, present datum, May 14, 1973; minimum, 47.48 ft, present datum, Nov. 26, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 50.58 ft Mar. 6; minimum, 47.76 ft Nov. 14.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48.35	47.85	48.47	49.17	49.58	49.76	49.62	49.61	49.60	49.68	49.33	49.29
2	48.33	47.84	48.45	49.18	49.58	49.74	49.61	49.60	49.59	49.66	49.33	49.27
3	48.31	47.84	48.45	49.18	49.61	49.73	49.71	49.59	49.59	49.65	49.31	49.25
4	48.29	47.83	48.57	49.19	49.60	49.72	49.69	49.59	49.59	49.62	49.30	49.25
5	48.28	47.88	48.58	49.19	49.58	50.28	49.66	49.58	49.58	49.61	49.28	49.21
6	48.25	47.86	48.73	49.20	49.58	50.57	49.65	49.58	49.58	49.60	49.31	49.19
7	48.23	47.87	48.74	49.20	49.57	50.54	49.64	49.57	50.25	49.58	49.30	49.17
8	48.21	47.86	48.74	49.20	49.57	50.49	49.70	50.08	50.41	49.56	49.42	49.15
9	48.20	47.85	48.74	49.22	49.56	50.43	49.69	50.06	50.41	49.59	49.41	49.13
10	48.18	47.84	48.75	49.36	49.59	50.34	49.68	50.03	50.37	49.58	49.40	49.12
11	48.16	47.84	48.87	49.35	49.60	50.27	49.72	49.98	50.31	49.56	49.40	49.10
12	48.14	47.81	48.91	49.35	49.63	50.21	49.69	49.92	50.23	49.54	49.38	49.09
13	48.11	47.80	48.91	49.35	49.89	50.14	49.68	49.86	50.18	49.58	49.40	49.08
14	48.09	47.79	48.93	49.38	49.87	50.07	49.66	49.82	50.11	49.61	49.40	49.07
15	48.07	47.86	48.94	49.42	49.84	50.00	49.64	49.81	50.04	49.60	49.38	49.07
16	48.06	47.83	48.96	49.42	49.91	49.95	49.62	49.76	49.98	49.58	49.37	49.03
17	48.04	47.81	48.97	49.43	49.89	49.90	49.61	49.72	49.91	49.57	49.36	48.99
18	48.03	47.80	48.96	49.48	49.85	49.86	49.60	49.70	49.86	49.56	49.35	48.96
19	48.02	47.80	48.97	49.48	49.82	49.82	49.61	49.67	49.83	49.55	49.34	48.94
20	48.01	48.02	48.94	49.47	49.79	49.80	49.60	49.66	49.79	49.52	49.40	48.92
21	48.00	48.02	48.93	49.47	49.77	49.76	49.61	49.65	49.76	49.50	49.42	48.91
22	48.00	48.02	49.01	49.46	49.74	49.73	49.64	49.72	49.73	49.49	49.40	48.90
23	47.98	48.18	48.99	49.49	49.72	49.72	49.63	49.71	49.71	49.47	49.40	48.94
24	47.96	48.34	49.04	49.57	49.69	49.72	49.61	49.70	49.68	49.45	49.43	48.94
25	47.95	48.33	48.96	49.59	49.68	49.71	49.60	49.68	49.66	49.45	49.40	48.93
26	47.91	48.33	48.95	49.58	49.66	49.70	49.59	49.68	49.64	49.43	49.38	48.93
27	47.89	48.39	48.95	49.58	49.80	49.68	49.60	49.67	49.62	49.41	49.37	48.89
28	47.88	48.43	49.15	49.59	49.83	49.65	49.61	49.66	49.68	49.40	49.35	48.88
29	47.87	48.45	49.19	49.59	49.79	49.65	49.62	49.67	49.72	49.39	49.34	48.85
30	47.86	48.46	49.18	49.59	---	49.63	49.62	49.63	49.70	49.36	49.32	48.82
31	47.85	---	49.11	49.58	---	49.63	---	49.61	---	49.34	49.30	---
MAX	48.35	48.46	49.19	49.59	49.91	50.57	49.72	50.08	50.41	49.68	49.43	49.29
MIN	47.85	47.79	48.45	49.17	49.56	49.63	49.59	49.57	49.58	49.34	49.28	48.82

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MISSISSIPPI RIVER MAIN STEM

07373290 MISSISSIPPI RIVER AT RED RIVER LANDING, LA

LOCATION.--Lat 30°57'39", long 91°39'52", in lot 4, T. 1 S., R. 5 W., Pointe Coupee Parish, Hydrologic Unit 08070100, at spur dike on right bank 12.1 mi downstream from inlet channel to Old River Control Structure, and at river mile 302.4.

DRAINAGE AREA.--1,125,000 mi^2, contributing.

PERIOD OF RECORD.--Elevations October 1972 to September 1983 (see NOTE), October 1923 to current year. Prior to October 1982, published as Mississippi River at Tarbert Landing, MS. Elevations are published in reports of Corps of Engineers and National Weather Service. Daily discharges (not equivalent to Mississippi River at Tarbert Landig, MS) calendar year 1851; intermittently, calendar years 1881 to 1927, and daily 1928 to 1963.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to January 1975 at datum 3.49 ft higher.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. Since July 12, 1963, all of the Red River flow is non-contributing and controlled diversion of the Mississippi River basin flow into Atchafalaya River basin by way of Old River Control Structure.

COOPERATION.--Records of elevation furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 54.61 ft May 16, 1973.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1851, 60.94 ft (present datum) May 14-17, 1927; minimum, 2.89 ft Nov. 14, 1895.

EXTREMES FOR CURRENT YEAR.--Maximum daily elevation, 60.40 ft May 29, 31, June 2, 4, 5,; minimum daily, 15.50 ft Sept. 25.

NOTE.--Records for 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.53	17.70	28.62	51.31	38.90	40.14	38.44	52.74	60.39	40.12	26.57	18.08
2	20.26	17.58	30.70	51.68	39.30	39.52	38.53	52.78	60.40	39.26	26.73	18.05
3	19.77	17.41	33.05	51.95	39.11	39.74	38.78	52.70	60.32	38.29	26.95	17.60
4	19.29	17.40	37.00	52.20	39.10	39.48	39.00	52.65	60.40	37.32	26.80	17.50
5	18.89	17.32	37.06	52.50	39.07	39.77	39.20	52.67	60.40	36.24	26.20	17.80
6	18.49	17.22	38.00	52.63	39.51	40.40	41.27	52.54	60.38	35.58	25.50	18.24
7	18.15	17.21	40.04	52.85	39.91	40.21	43.12	52.57	60.32	35.32	24.70	18.37
8	18.14	17.21	41.70	52.98	40.21	39.84	43.53	52.68	60.18	34.94	23.80	18.30
9	18.55	17.29	43.05	53.21	40.33	39.80	44.01	52.81	59.90	34.78	23.10	18.30
10	18.84	17.54	44.57	53.44	40.89	39.57	44.23	52.93	59.52	34.65	22.60	18.20
11	18.82	17.95	45.35	53.40	41.48	39.63	44.56	53.06	59.17	34.76	21.90	18.00
12	18.73	18.55	46.15	53.41	41.74	39.79	45.08	53.25	58.69	34.91	21.50	17.10
13	18.67	19.10	46.92	53.38	42.35	39.99	45.52	53.32	58.30	34.94	21.30	16.80
14	18.75	19.42	47.43	52.93	42.89	40.40	46.26	53.59	57.87	34.76	21.20	16.60
15	19.21	19.68	48.00	52.45	43.08	40.62	47.14	53.80	57.18	34.44	21.00	16.70
16	19.26	19.77	48.64	52.00	43.18	40.78	47.60	54.20	56.61	34.05	20.60	16.95
17	19.17	19.76	49.28	51.34	43.00	40.99	48.14	54.48	55.83	33.49	20.20	16.95
18	19.09	19.64	49.77	50.49	42.70	41.00	48.72	54.99	54.99	33.00	20.00	16.87
19	19.00	19.44	50.10	49.41	42.46	40.79	49.21	55.54	53.92	32.40	19.60	16.68
20	18.87	19.79	50.56	48.55	41.97	40.50	49.68	56.29	52.74	31.83	19.40	17.24
21	19.28	19.71	50.74	47.55	41.50	40.12	50.15	57.11	51.50	31.36	19.20	17.33
22	19.33	19.83	50.81	46.40	41.35	39.70	50.59	58.34	50.22	30.58	18.90	16.44
23	19.15	20.00	50.78	44.90	41.04	39.04	51.08	58.70	48.90	29.95	18.50	16.13
24	19.20	20.80	50.64	43.40	40.71	38.62	51.43	58.92	47.59	29.29	18.40	15.84
25	19.00	22.40	50.35	42.30	40.38	38.33	51.83	59.35	46.13	28.72	18.10	15.50
26	18.83	23.60	50.14	41.00	40.18	37.92	52.00	59.70	44.71	28.23	17.90	16.35
27	18.70	24.64	50.73	39.74	40.14	37.67	52.16	60.20	43.41	27.76	17.80	15.57
28	18.49	25.98	50.87	38.90	40.16	37.61	52.36	60.33	42.43	27.27	17.70	16.70
29	18.13	26.94	50.95	38.30	---	37.70	52.51	60.40	41.71	26.85	17.60	16.73
30	18.00	27.23	51.01	38.00	---	38.00	52.62	60.39	40.90	26.53	17.70	16.87
31	17.81	---	51.10	37.92	---	38.32	---	60.40	---	26.47	17.80	---
MAX	20.53	27.23	51.10	53.44	43.18	41.00	52.62	60.40	60.40	40.12	26.95	18.37
MIN	17.81	17.21	28.62	37.92	38.90	37.61	38.44	52.54	40.90	26.47	17.60	15.50

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MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°45'30", long 91°23'45", in lot 31, T.3 S., R.11 E., Pointe Coupee-West Feliciana Parish line, Hydrologic Unit 08070100, at State Highway 10 Ferry Crossing, 2.0 mi southwest of St. Francisville, and at mile 266.0.

DRAINAGE AREA.--1,125,300 mi^2, contributing.

PERIOD OF RECORD.--Water years 1954 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1954 to September 1972, October 1974 to current year.
WATER TEMPERATURES: August 1954 to September 1972, October 1974 to current year.
SULFATE: October 1974 to September 1978.
CHLORIDE: October 1974 to current year.
DISSOLVED SOLIDS: October 1978 to current year.

REMARKS.--See records of daily discharge for Mississippi River at Tarbert Landing, MS (station 07295100). Corps of Engineers station 01139.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 683 micromhos Oct. 16, 1955; minimum daily, 173 micromhos Apr. 15, 1955.
WATER TEMPERATURES: Maximum daily, 32.0 C July 24, 1983; minimum daily, 1.0 C Jan. 29, 30, 1961.
SULFATE: Maximum daily, 90 mg/L Oct. 14, 1957; minimum daily, 21 mg/L May 20, 1978.
CHLORIDE: Maximum daily, 63 mg/L July 5, 1977; minimum daily, 9.0 mg/L Dec. 29, 1978, May 20, 1984.
DISSOLVED SOLIDS: Maximum, 321 mg/L Jan. 21-31, 1981; minimum, 150 mg/L Dec.21-31, 1978.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 497 micromhos Oct. 28; minimum daily 250 micromhos Dec. 24.
WATER TEMPERATURES: Maximum daily, 29.0 C Oct. 1-4, July 3-17, 19-31, Aug. 1-7, 9-31, Sept. 1-11; minimum daily, 4.0 C Dec. 29-31, Jan. 1.
CHLORIDE: Maximum daily, 44 mg/L Dec. 3; minimum daily, 9.0 mg/L May 20.
DISSOLVED SOLIDS: Maximum, 300 mg/L Oct. 21-31; minimum, 163 mg/L Dec. 21-31.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
03...	1530	506	7.6	24.0	5	19	<1.0	8.1	58	1.4	K45	K2
NOV												
14...	1600	472	7.5	15.0	5	30	<1.0	11.1	17	.9	130	K22
DEC												
06...	1345	391	7.0	10.5	5	95	<1.0	11.3	55	2.0	1400	160
JAN												
09...	1445	305	--	1.5	5	--	<1.0	12.6	10	2.6	2200	66
FEB												
14...	1400	372	7.2	6.0	20	110	<1.0	12.4	17	2.7	2100	820
MAR												
07...	1400	332	7.0	8.0	20	120	<1.0	9.4	17	2.1	2300	510
APR												
16...	1430	348	7.8	13.5	15	30	<1.0	9.0	18	.9	500	--
30...	1630	376	7.6	16.0	10	50	<1.0	8.4	<10	1.1	420	K34
JUN												
26...	1440	380	8.0	28.0	10	170	<1.0	6.3	10	.3	580	100
JUL												
19...	1500	404	7.9	28.0	5	85	<1.0	6.7	30	.6	650	94
AUG												
21...	1600	440	8.0	29.5	5	30	<1.0	--	14	1.8	K70	K8
SEP												
04...	1530	478	8.0	28.5	5	20	<1.0	7.4	18	.8	560	--

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
OCT 03...	340	190	47	17	31	3.5	141	83	23	.3	4.2
NOV 14...	90	170	43	15	--	--	117	70	30	--	--
DEC 06...	390	150	38	13	20	3.2	99	60	21	.2	6.7
JAN 09...	240	120	34	9.6	--	--	89	35	13	--	--
FEB 14...	1700	140	36	11	17	2.6	101	47	19	.2	7.2
MAR 07...	1600	130	34	10	--	--	84	41	19	--	--
APR 16...	880	130	36	10	16	2.6	91	44	21	.1	6.6
30...	84	150	40	12	--	--	105	45	20	--	--
JUN 26...	K36	150	41	12	13	3.4	111	45	14	.3	6.9
JUL 19...	K56	170	45	14	--	--	119	50	15	--	--
AUG 21...	K6	170	45	14	20	3.4	129	61	17	.2	6.2
SEP 04...	K6	170	45	15	--	--	128	73	21	--	--

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
OCT 03...	307	294	2	.01	.5	.45	.08	.4	.8	.14	--
NOV 14...	--	--	4	.03	1.5	--	--	--	1.5	.14	--
DEC 06...	308	221	218	.03	1.6	--	.09	.6	<.1	.29	.21
JAN 09...	--	--	81	<.01	1.6	--	--	--	.7	.20	--
FEB 14...	232	201	374	.03	1.5	1.4	.18	1.0	.5	.09	--
MAR 07...	--	--	232	.06	2.2	--	--	--	.9	.25	--
APR 16...	222	190	79	.04	2.0	2.1	.05	2.1	1.0	.11	.05
30...	--	--	4	.03	2.0	--	--	--	1.7	.10	--
JUN 26...	233	203	--	.03	2.8	2.7	.32	.7	.5	.15	--
JUL 19...	--	--	206	.01	2.2	--	--	--	.5	.13	--
AUG 21...	278	244	141	.02	1.4	1.4	.06	1.2	1.1	.19	.09
SEP 04...	--	--	46	.01	.7	--	--	--	.4	.09	--

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K Results based on colony count outside the acceptable range (non-ideal count).

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MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)
OCT											
03...	.08	<10	4	2	110	<10	<.5	2	<1	20	20
NOV											
14...	--	--	2	2	--	<10	<.5	1	<1	10	--
DEC											
06...	.19	--	3	2	--	<10	.5	--	2	20	--
JAN											
09...	--	--	2	1	--	<10	.5	3	<1	20	--
FEB											
14...	.05	20	2	1	84	<10	<.5	1	<1	10	<1
MAR											
07...	--	--	2	1	--	<10	<.5	2	<1	20	--
APR											
16...	.01	--	2	1	--	<10	<.5	1	<1	10	--
30...	--	--	2	2	--	<10	<1	2	<1	10	--
JUN											
26...	.12	20	4	2	77	<10	1	2	<1	30	<10
JUL											
19...	--	--	2	2	--	<10	<1	5	<1	50	--
AUG											
21...	.08	10	3	2	91	<10	<1	1	<1	30	--
SEP											
04...	--	--	2	2	--	<10	<1	<1	<1	10	--

DATE	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)
OCT											
03...	<1	<3	10	4	9	6	1	19	4	<.1	<.1
NOV											
14...	<1	--	15	5	9	10	3	--	--	<.1	<.1
DEC											
06...	<1	--	15	15	120	10	6	--	--	.1	.1
JAN											
09...	<1	--	11	6	56	18	2	--	--	<.1	<.1
FEB											
14...	<1	4	20	6	37	9	3	9	52	<.1	<.1
MAR											
07...	<1	--	14	12	190	12	2	--	--	<.1	.2
APR											
16...	<1	--	6	3	33	7	3	--	--	<.1	.2
30...	<1	--	8	5	30	8	2	--	--	.2	.3
JUN											
26...	<1	<3	36	4	9	21	3	6	1	.3	.3
JUL											
19...	<1	--	11	6	13	10	4	--	--	.1	.1
AUG											
21...	--	<3	10	5	5	10	2	16	2	.4	.2
SEP											
04...	<1	--	5	3	6	1	1	--	--	.1	.1

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MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 03...	<10	5	1	1	1	1	250	<6	110	90	4.3
NOV 14...	--	3	2	<1	<1	--	--	3	14	40	4.7
DEC 06...	--	9	3	<1	<1	--	--	2	26	30	8.6
JAN 09...	--	10	3	<1	<1	--	--	<1	15	50	4.8
FEB 14...	<10	11	2	<1	<1	1	160	<6	10	40	7.1
MAR 07...	--	14	6	<1	<1	--	--	2	1700	2000	8.2
APR 16...	--	9	5	<1	<1	--	--	<1	10	20	4.6
30...	--	10	5	1	<1	--	--	<1	6	30	4.1
JUN 26...	<10	19	1	1	1	2	180	<6	8	90	5.7
JUL 19...	--	12	1	<1	<1	--	--	4	13	20	5.4
AUG 21...	<10	6	<1	1	--	--	200	<6	6	20	3.1
SEP 04...	--	4	2	<1	<1	--	--	1	5	20	2.9

DATE	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)
OCT 03...	<.01	3	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
NOV 14...	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
DEC 06...	<.01	6	<1	<.1	<.1	<.001	<.1	<.001	<.001	.002	.03
JAN 09...	<.01	8	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
FEB 14...	<.01	<1	5	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.03
MAR 07...	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
APR 16...	<.01	<1	3	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
30...	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUN 26...	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUL 19...	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
AUG 21...	.23	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
SEP 04...	<.01	2	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

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07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
03...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
NOV											
14...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
DEC											
06...	<.001	<.001	<.001	<.01	<.001	<.001	.001	<.01	<.01	<.01	<.01
JAN											
09...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
FEB											
14...	<.001	<.001	<.001	<.01	<.001	<.001	.002	<.01	<.01	<.01	<.01
MAR											
07...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
16...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
30...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUN											
26...	.010	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
19...	.010	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
AUG											
21...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
SEP											
04...	.002	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT											
03...	<.01	<.01	<.1	<1	<.01	<.01	<.01	.01	<.01	81	74
NOV											
14...	<.01	<.01	<.1	<1	<.01	.02	<.01	.03	<.01	103	88
DEC											
06...	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	404	72
JAN											
09...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	166	58
FEB											
14...	<.01	<.01	<.1	<1	<.01	.04	<.01	.01	<.01	531	92
MAR											
07...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	380	77
APR											
16...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	204	51
30...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	179	55
JUN											
26...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	481	93
JUL											
19...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	253	82
AUG											
21...	<.01	<.01	<.1	<1	<.01	.02	<.01	.01	<.01	118	89
SEP											
04...	<.01	<.01	<.1	<1	<.01	--	--	--	--	86	93

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST. FRANCISVILLE, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	463	444	376	286	357	382	343	378	304	371	413	449
2	462	443	373	304	356	357	344	367	304	415	412	482
3	464	442	362	303	345	357	343	367	---	414	406	483
4	465	446	---	302	374	357	342	366	309	413	406	484
5	466	447	---	306	374	333	342	366	328	414	407	482
6	463	455	334	301	375	333	349	366	337	415	406	482
7	442	453	343	304	376	332	350	344	337	413	405	483
8	441	452	345	305	372	333	350	344	338	415	---	478
9	450	466	342	304	373	341	347	345	347	416	434	477
10	456	465	290	302	374	341	349	355	350	415	434	480
11	447	464	296	303	372	341	349	353	360	414	399	480
12	463	---	307	306	373	320	356	351	361	410	419	483
13	468	453	293	302	372	338	358	332	348	410	423	480
14	465	452	290	300	365	320	355	332	366	408	435	481
15	464	456	286	301	---	339	---	333	338	409	433	480
16	462	455	282	345	362	321	350	332	374	408	435	479
17	461	382	281	343	373	321	350	305	383	381	436	473
18	460	380	283	342	375	317	349	303	394	---	434	474
19	456	381	290	347	344	318	349	302	357	380	436	472
20	457	386	292	341	350	317	350	302	436	383	451	473
21	458	383	294	343	366	316	350	303	---	383	452	460
22	455	382	295	386	372	316	349	303	---	381	451	480
23	454	355	253	385	366	337	350	303	---	407	451	481
24	443	352	250	387	368	338	350	303	---	411	451	477
25	442	356	251	381	370	338	---	303	---	414	453	478
26	441	360	256	389	367	337	---	303	370	398	451	474
27	496	383	254	388	341	336	---	302	370	399	452	473
28	497	372	253	382	345	337	380	301	376	399	450	473
29	494	380	280	374	385	337	380	303	369	409	450	465
30	495	381	282	370	---	338	380	301	374	413	449	465
31	437	---	281	381	---	340	---	301	---	412	449	---
MAX	497	466	376	389	385	382	380	378	---	416	453	484
MIN	437	352	250	286	341	316	342	301	---	371	399	449

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.0	18.0	17.0	4.0	6.0	7.0	11.0	17.0	24.0	26.0	29.0	29.0
2	29.0	18.0	17.0	5.0	6.0	8.0	11.0	17.0	22.0	27.0	29.0	29.0
3	29.0	18.0	17.0	5.0	6.0	8.0	11.0	17.0	---	29.0	29.0	29.0
4	29.0	18.0	---	5.0	6.0	8.0	11.0	17.0	22.0	29.0	29.0	29.0
5	28.0	18.0	---	5.0	6.0	8.0	11.0	17.0	22.0	29.0	29.0	29.0
6	28.0	18.0	17.0	5.0	6.0	8.0	11.0	17.0	22.0	29.0	29.0	29.0
7	28.0	18.0	17.0	5.0	6.0	8.0	11.0	17.0	23.0	29.0	29.0	29.0
8	28.0	18.0	17.0	6.0	6.0	8.0	11.0	17.0	23.0	29.0	---	29.0
9	28.0	17.0	17.0	6.0	6.0	8.0	11.0	17.0	23.0	29.0	29.0	29.0
10	28.0	17.0	17.0	6.0	7.0	8.0	11.0	17.0	23.0	29.0	29.0	29.0
11	28.0	17.0	17.0	6.0	7.0	9.0	11.0	17.0	23.0	29.0	29.0	29.0
12	28.0	---	17.0	6.0	7.0	9.0	11.0	17.0	25.0	29.0	29.0	25.0
13	28.0	17.0	17.0	6.0	7.0	9.0	11.0	19.0	25.0	29.0	29.0	25.0
14	28.0	17.0	17.0	6.0	7.0	9.0	11.0	19.0	26.0	29.0	29.0	25.0
15	28.0	17.0	17.0	6.0	---	9.0	---	19.0	27.0	29.0	29.0	25.0
16	28.0	17.0	17.0	6.0	7.0	9.0	16.0	19.0	25.0	29.0	29.0	25.0
17	28.0	17.0	16.0	6.0	7.0	9.0	16.0	19.0	27.0	29.0	29.0	26.0
18	28.0	17.0	16.0	6.0	7.0	9.0	16.0	19.0	27.0	---	29.0	26.0
19	28.0	17.0	16.0	6.0	9.0	9.0	16.0	19.0	24.0	29.0	29.0	26.0
20	28.0	17.0	16.0	6.0	9.0	9.0	16.0	19.0	28.0	29.0	29.0	26.0
21	28.0	17.0	16.0	6.0	5.0	9.0	16.0	19.0	---	29.0	29.0	26.0
22	28.0	17.0	16.0	5.0	5.0	9.0	16.0	20.0	---	29.0	29.0	26.0
23	28.0	17.0	6.0	5.0	6.0	9.0	16.0	20.0	---	29.0	29.0	26.0
24	19.0	17.0	6.0	5.0	7.0	9.0	16.0	20.0	---	29.0	29.0	26.0
25	19.0	17.0	6.0	5.0	7.0	9.0	---	20.0	---	29.0	29.0	26.0
26	19.0	17.0	6.0	5.0	7.0	9.0	---	20.0	28.0	29.0	29.0	24.0
27	18.0	17.0	6.0	5.0	7.0	9.0	---	20.0	28.0	29.0	29.0	24.0
28	18.0	17.0	6.0	5.0	7.0	9.0	17.0	20.0	26.0	29.0	29.0	24.0
29	18.0	17.0	4.0	5.0	7.0	9.0	17.0	20.0	26.0	29.0	29.0	24.0
30	18.0	17.0	4.0	5.0	---	9.0	17.0	20.0	26.0	29.0	29.0	24.0
31	18.0	---	4.0	5.0	---	9.0	---	20.0	---	29.0	29.0	---
MAX	29.0	18.0	17.0	6.0	9.0	9.0	17.0	20.0	---	29.0	29.0	29.0
MIN	18.0	17.0	4.0	4.0	5.0	7.0	11.0	17.0	---	26.0	29.0	24.0

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07373420 MISSISSIPPI RIVER NEAR ST.FRANCISVILLE, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	31	26	20	19	22	19	20	11	13	13	20
2	25	30	25	16	17	20	19	18	11	14	14	20
3	24	30	44	16	16	17	18	18	---	16	14	20
4	26	34	---	14	22	20	16	18	12	15	13	18
5	23	30	---	16	21	18	17	17	13	12	15	20
6	21	35	26	15	21	18	19	16	14	15	14	20
7	20	32	23	16	20	18	21	15	14	15	13	19
8	21	32	21	16	18	18	20	14	14	14	---	23
9	21	34	16	18	22	19	26	15	10	16	14	17
10	22	34	16	19	20	19	22	16	15	16	16	18
11	22	31	18	18	22	22	20	15	16	16	16	19
12	20	---	16	12	21	18	24	16	13	15	17	22
13	22	30	16	14	18	19	22	14	14	15	16	20
14	22	34	16	15	21	18	22	14	16	15	16	20
15	28	32	14	16	---	22	---	14	13	14	16	20
16	21	24	16	17	20	18	19	14	16	16	15	18
17	22	30	17	18	20	18	20	11	16	18	14	18
18	22	22	16	20	21	17	18	11	18	---	14	20
19	28	24	17	22	---	18	20	12	16	13	15	20
20	21	24	16	20	---	18	17	9.0	17	12	16	19
21	20	22	21	17	---	18	17	11	---	13	16	19
22	20	25	13	20	---	16	17	11	---	13	15	18
23	20	20	12	20	---	18	16	10	---	14	16	20
24	21	20	14	20	---	16	19	10	---	16	16	18
25	22	22	16	19	---	17	---	10	---	13	17	19
26	20	22	14	19	---	17	---	10	13	13	18	18
27	30	26	16	20	---	18	---	11	14	12	18	17
28	30	24	15	20	---	20	19	10	14	16	18	16
29	30	26	16	18	---	17	20	12	14	12	20	18
30	28	28	16	16	---	17	19	10	14	15	23	19
31	32	---	17	19	---	21	---	11	---	14	20	---
MAX	32	35	44	22	---	22	26	20	---	18	23	23
MIN	20	20	12	12	---	16	16	9.0	---	12	13	16

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MISSISSIPPI RIVER MAIN STEM

07373420 MISSISSIPPI RIVER NEAR ST.FRANCISVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT	
01-10	291
11-20	268
21-31	300
NOV	
01-10	279
11-20	262
21-30	232
DEC	
01-10	208
11-20	178
21-31	165
JAN	
01-10	193
11-20	197
21-31	228
FEB	
01-10	224
11-20	222
21-29	223
MAR	
01-10	215
11-20	199
21-31	206
APR	
01-10	215
11-20	218
21-30	221
MAY	
01-10	219
11-20	201
21-31	184
JUN	
01-10	200
11-20	226
21-30	230
JUL	
01-10	251
11-20	249
21-31	248
AUG	
01-10	258
11-20	262
21-31	280
SEP	
01-10	297
11-20	295
21-30	287

THOMPSON CREEK BASIN

07373430 THOMPSON CREEK NEAR NORWOOD, LA

LOCATION.--Lat 30°58'12", long 91°11'31", in SW1/4, sec.70, T.1 S., R.1 W., East Feliciana-West Feliciana Parish line, Hydrologic Unit 08070201, at bridge on dirt road, 3.0 mi upstream from Lost Creek, and 5.0 mi west of Norwood.

DRAINAGE AREA.--41 mi^2 approximately.

PERIOD OF RECORD.--January 1981 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAMFLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 17...	1130	8.3	72	6.7	21.5	5	2.0	9.1	1.1	K96
JAN 25...	1130	47	57	6.1	10.0	40	20	10.8	.7	880
APR 17...	1230	20	67	7.4	22.0	5	4.0	9.4	--	29
JUL 27...	1030	7.5	77	7.4	28.0	5	4.0	8.3	1.1	92

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 17...	420	16	3.9	1.6	7.2	1.6	18	4.2	9.1
JAN 25...	9300	12	2.6	1.3	5.0	2.0	10	7.0	6.2
APR 17...	K6	14	3.2	1.4	6.1	1.4	16	4.8	7.7
JUL 27...	110	17	4.0	1.6	7.5	1.6	20	3.0	9.3

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 17...	<.1	24	63	63	<.1	.4	.02
JAN 25...	<.1	15	50	45	.2	1.7	.06
APR 17...	<.1	17	--	51	<.1	.4	<.01
JUL 27...	<.1	23	68	62	<.1	.6	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07373430 THOMPSON CREEK NEAR NORWOOD, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
JAN											
25...	1	<1	<1	<1	1	<1	3	<1	97	270	3

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
17...	--	--	--	--	--	--	--	1.6	--	--	<.1
JAN											
25...	<10	15	52	.2	.01	6	4	--	<.01	<1	--

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
17...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
17...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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MISSISSIPPI RIVER

THOMPSON CREEK BASIN

07373430 THOMPSON CREEK NEAR NORWOOD, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
17...	4	.09	100
JAN			
25...	36	4.6	50
APR			
17...	16	.86	69
JUL			
27...	10	.20	96

MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)

LOCATION.--Lat 30°17'00", long 91°13'21", T.9 S., R.12 E., Louisiana meridian, Iberville Parish, Hydrologic Unit 08070100, at west bank ferry landing at Plaquemine, and at mile 208.0.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	SETTLEABLE MATTER (ML/L/HR)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 04...	0950	537	7.5	<1.0	24.0	5	6.0	7.3	--	1.1	7800	1800
NOV 15...	1345	486	7.3	<1.0	15.0	5	35	11.0	28	1.0	--	K1600
DEC 07...	0945	402	7.0	<1.0	10.0	10	140	9.2	13	1.0	2600	K360
JAN 10...	1115	313	7.2	<1.0	2.5	10	45	12.8	<10	4.0	4800	K30
FEB 15...	1000	374	7.0	<1.0	6.5	20	150	10.2	17	3.3	4800	300
MAR 08...	1030	332	6.8	<1.0	8.0	20	100	10.2	12	2.6	3600	K160
APR 17...	1045	351	7.2	<1.0	14.0	10	55	8.9	<10	1.1	2000	320
MAY 01...	1400	381	7.7	<1.0	16.5	10	50	8.2	<10	1.4	2600	510
JUN 27...	1000	393	8.0	<1.0	28.0	5	200	6.3	11	2.0	7600	K1800
JUL 20...	1400	406	8.0	<1.0	28.0	5	85	6.8	180	.6	K1400	720
AUG 22...	0930	455	8.0	<1.0	29.0	5	35	6.4	10	.8	--	460
SEP 05...	1030	490	7.9	<1.0	28.5	5	15	7.2	11	.6	2900	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)
OCT 04...	190	47	17	139	81	27	2	.5	.9	.10	4	3
NOV 15...	170	42	15	117	70	35	74	1.4	.6	.12	2	2
DEC 07...	150	39	12	92	60	23	225	1.6	.5	.16	3	1
JAN 10...	120	33	9.4	89	36	17	100	1.7	.9	.12	2	1
FEB 15...	140	36	11	97	48	22	444	1.5	.9	.08	2	1
MAR 08...	130	34	10	83	42	20	222	2.3	1.3	.19	2	1
APR 17...	140	37	11	90	42	21	192	1.9	.7	.09	2	1
MAY 01...	140	39	11	104	44	20	82	2.1	.7	.10	2	2
JUN 27...	150	41	12	111	46	14	448	2.9	.4	.13	2	1
JUL 20...	160	43	13	117	55	16	208	2.1	.6	.14	2	2
AUG 22...	170	45	14	129	63	19	116	1.3	.6	.09	4	2
SEP 05...	180	46	15	127	74	25	17	.8	.6	.10	2	2

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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MISSISSIPPI RIVER MAIN STEM

07374120 MISSISSIPPI RIVER AT PLAQUEMINE, LA (CE 01170)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)
OCT												
04...	<10	<.5	1	<1	20	<1	10	5	11	--	2	<.1
NOV												
15...	10	<.5	1	<1	20	<1	10	5	10	9	5	<.1
DEC												
07...	<10	.5	1	<1	10	<1	17	4	33	13	1	<.1
JAN												
10...	<10	<.5	1	<1	<10	<1	9	4	63	5	2	.2
FEB												
15...	<10	<.5	1	<1	20	<1	19	5	35	19	4	<.1
MAR												
08...	<10	<.5	2	<1	20	<1	15	5	39	8	<1	.1
APR												
17...	<10	<1	1	<1	20	<1	6	3	<3	9	1	<.1
MAY												
01...	<10	<1	1	<1	10	<1	10	10	39	8	6	<.1
JUN												
27...	<10	<1	2	<1	30	<1	18	3	8	23	3	.2
JUL												
20...	<10	1	1	<1	10	<1	11	5	29	12	3	.2
AUG												
22...	<10	<1	1	<1	20	<1	11	5	<3	15	2	.7
SEP												
05...	<10	<1	<1	<1	20	<1	5	3	6	2	2	.2

DATE	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)
OCT												
04...	<.1	8	2	1	1	<1	40	14	4.2	<.01	21	<1
NOV												
15...	<.1	5	1	<1	<1	3	50	8	4.2	<.01	4	<1
DEC												
07...	<.1	13	1	<1	<1	1	60	8	8.8	<.01	2	<1
JAN												
10...	.1	10	4	<1	<1	<1	30	9	5.7	<.01	<1	<1
FEB												
15...	.1	12	1	<1	<1	2	70	7	7.0	<.01	<1	1
MAR												
08...	.2	11	4	<1	<1	1	50	10	10	<.01	<1	<1
APR												
17...	<.1	5	1	<1	<1	<1	40	5	3.5	<.01	1	<1
MAY												
01...	.3	10	5	1	<1	<1	30	10	3.5	<.01	6	<1
JUN												
27...	.1	18	3	1	1	<6	50	5	6.7	<.01	<1	<1
JUL												
20...	.3	10	1	<1	<1	2	30	20	4.7	<.01	<1	3
AUG												
22...	.1	5	1	<1	<1	2	30	13	3.2	<.01	<1	1
SEP												
05...	.2	2	2	<1	<1	1	30	8	3.7	<.01	<1	1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)

LOCATION.--Lat 30°05'52", long 90°54'45", T.11 S., R.15 E., St. James Parish, Hydrologic Unit 08070100, near center of span on downstream side of Sunshine Bridge on State Highway 3089, 0.7 mi northwest of Union, and at mile 167.5.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	SETTLEABLE MATTER (ML/L/HR)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 04...	1300	512	7.4	<1.0	24.5	5	10	7.7	--	.8	8200	K130
NOV 16...	1130	508	7.6	<1.0	15.0	5	35	9.5	27	1.2	7200	K480
DEC 07...	1245	419	7.0	<1.0	10.5	10	140	9.6	10	1.6	1600	350
JAN 10...	1400	323	7.2	<1.0	2.5	10	45	12.8	<10	3.4	6400	K150
FEB 15...	1400	384	7.0	<1.0	6.5	20	85	11.5	14	3.5	2400	120
MAR 08...	1400	338	7.0	<1.0	8.5	20	110	10.9	18	2.9	3400	K240
APR 17...	1400	350	7.2	<1.0	14.0	10	55	8.9	<10	.9	1800	400
MAY 02...	1315	385	7.7	<1.0	16.5	10	50	8.1	<10	1.3	3200	310
JUN 27...	1345	400	8.0	<1.0	27.5	5	210	6.4	<10	.8	9200	700
JUL 23...	1030	397	7.9	<1.0	29.5	5	110	6.2	17	.5	4200	220
AUG 22...	1200	475	7.9	<1.0	30.0	5	40	6.2	13	.8	K700	140
SEP 05...	1345	487	8.0	<1.0	28.5	5	8.0	7.0	<10	.6	1300	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)
OCT 04...	180	45	16	137	72	28	24	.6	1.2	.21	5	3
NOV 16...	170	43	15	120	70	36	72	1.3	.8	.12	2	1
DEC 07...	150	40	12	97	60	23	219	1.7	.6	.11	3	1
JAN 10...	130	35	9.8	87	38	17	94	1.7	.7	.21	2	1
FEB 15...	140	37	12	99	49	23	240	1.4	1.0	.14	2	1
MAR 08...	130	35	10	84	41	21	289	2.2	.6	.12	2	1
APR 17...	130	36	10	94	42	21	150	2.0	.7	.10	2	1
MAY 02...	150	40	12	105	50	21	83	2.1	.8	.13	1	1
JUN 27...	150	40	12	115	47	15	430	2.8	1.0	.25	3	2
JUL 23...	170	45	13	119	53	16	267	2.3	1.0	.17	3	2
AUG 22...	170	45	14	131	62	21	105	1.4	.8	.10	3	3
SEP 05...	170	44	15	123	73	26	7	.9	.5	.08	2	1

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374220 MISSISSIPPI RIVER AT UNION, LA (CE 01222)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)
OCT 04...	<10	<.5	2	<1	20	<1	10	5	10	2	1	<.1
NOV 16...	10	<.5	1	<1	10	<1	26	5	13	8	4	<.1
DEC 07...	<10	.6	1	1	10	<1	18	4	45	13	4	<.1
JAN 10...	<10	<.5	2	<1	10	1	8	6	51	4	2	<.1
FEB 15...	<10	<.5	1	<1	10	<1	19	5	28	8	1	<.1
MAR 08...	<10	<.5	2	<1	20	<1	11	3	38	9	<1	.1
APR 17...	<10	<1	1	<1	10	<1	7	2	31	8	3	.1
MAY 02...	<10	<1	2	<1	10	<1	10	5	19	5	1	.2
JUN 27...	<10	1	2	<1	40	<1	19	3	13	37	2	.3
JUL 23...	<10	1	3	<1	20	<1	33	6	40	30	5	.4
AUG 22...	<10	<1	1	<1	10	<1	9	5	3	19	2	1.0
SEP 05...	<10	<1	<1	<1	10	<1	4	2	5	--	3	.1

DATE	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 04...	<.1	4	1	1	1	<1	30	13	3.8	<.01	3	<1
NOV 16...	<.1	3	2	<1	<1	3	40	9	4.8	<.01	3	<1
DEC 07...	<.1	12	2	<1	<1	1	50	7	9.1	<.01	7	<1
JAN 10...	<.1	8	5	<1	<1	1	20	14	5.6	<.01	<1	2
FEB 15...	.2	9	4	<1	<1	2	30	13	6.6	<.01	1	<1
MAR 08...	.2	12	3	<1	<1	1	60	8	8.1	<.01	<1	1
APR 17...	.1	8	2	<1	<1	<1	40	8	3.8	<.01	<1	<1
MAY 02...	.2	12	3	<1	<1	1	20	8	4.6	<.01	<1	2
JUN 27...	.2	20	2	1	1	<6	60	29	4.5	<.01	<1	<1
JUL 23...	.3	18	3	<1	<1	2	150	12	5.2	<.01	2	2
AUG 22...	.1	5	<1	<1	<1	2	20	5	3.6	<.01	<1	<1
SEP 05...	.1	5	1	<1	<1	1	10	4	2.7	<.01	1	--

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)

LOCATION.--Lat 29°56'19", long 90°21'49", T.13 S., R.21 E., St. Charles Parish, Hydrologic Unit 08090100, at Luling-Destrehan ferry crossing, 17 mi west of New Orleans, and at mile 120.6.

DRAINAGE AREA.--1,125,800 mi , arbitrarily determined.

PERIOD OF RECORD.--Water years 1958 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1957 to September 1972, October 1974 to September 1975, October 1976 to current year.
WATER TEMPERATURES: October 1957 to September 1972, October 1977 to current year.
CHLORIDE: October 1974 to September 1975, October 1976 to current year.
SULFATE: October 1974 to September 1975, October 1976 to September 1978.
DISSOLVED SOLIDS: October 1978 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 636 micromhos Oct. 12, 1959; minimum daily, 194 micromhos Dec. 18, 1983.
WATER TEMPERATURES: Maximum daily, 38.5°C July 6, 7, 13, 1984; minimum daily, 2.0°C Jan. 14, 15, 1984.
CHLORIDE: Maximum daily, 69 mg/L June 24, 1977; minimum daily, 11 mg/L Mar. 22, 1975, June 12, 1983.
SULFATE: Maximum daily, 89 mg/L Oct. 10, 1977; minimum daily, 20 mg/L Feb. 8, Apr. 26, 1978.
DISSOLVED SOLIDS: Maximum, 339 mg/L Nov. 21-30, 1978; minimum, 152 mg/L Dec. 21-31, 1978.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 538 micromhos Sept. 12; minimum daily, 194 micromhos Dec. 18.
WATER TEMPERATURES: Maximum daily, 38.5°C July 6, 7, 13; minimum daily, 2.0°C Jan. 14, 15.
CHLORIDE: Maximum daily, 42 mg/L Nov. 4, 9; minimum daily, 12 mg/L May 15, 17.
DISSOLVED SOLIDS: Maximum, 330 mg/L Nov. 1-10; minimum, 183 mg/L Dec. 21-31.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	SETTLEABLE MATTER (ML/L/HR)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT												
04...	1600	528	7.5	<1.0	25.0	5	4.0	7.4	--	--	2000	52
NOV												
17...	1045	516	7.2	<1.0	15.5	5	30	9.0	<10	1.2	15000	100
DEC												
07...	1545	428	7.0	<1.0	11.0	10	160	9.8	<10	1.9	1600	290
JAN												
10...	1645	346	7.1	<1.0	2.5	10	50	12.6	<10	3.8	7800	--
FEB												
15...	1600	366	6.9	<1.0	7.0	30	180	11.4	16	3.5	4200	360
MAR												
08...	1630	342	6.9	<1.0	8.5	20	150	10.0	13	2.4	2800	K160
APR												
17...	1700	354	7.5	<1.0	14.0	15	60	8.7	<10	1.3	1200	150
MAY												
02...	1830	389	7.8	<1.0	16.5	10	60	7.9	<10	1.2	1600	96
JUN												
27...	1600	417	7.8	<1.0	28.0	5	230	6.2	<10	--	7000	650
JUL												
23...	1300	403	7.8	<1.0	29.5	--	--	6.2	13	.6	1300	160
AUG												
22...	1530	471	8.1	<1.0	30.0	5	25	6.0	10	.5	K380	54
SEP												
05...	1700	499	8.0	<1.0	28.5	5	6.0	6.9	12	.6	210	--

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 04...	180	47	16	137	76	31	<1	.6	.9	.34
NOV 17...	170	45	15	115	76	39	59	1.4	.6	.22
DEC 07...	160	41	13	100	64	26	192	1.8	.7	.13
JAN 10...	130	37	9.9	89	45	20	102	1.8	.7	.26
FEB 15...	140	36	11	89	49	21	513	1.4	1.0	.20
MAR 08...	130	35	10	84	43	21	392	2.2	.5	.46
APR 17...	130	36	10	95	42	21	142	2.0	1.1	.16
MAY 02...	150	40	12	105	48	21	108	2.1	.7	.11
JUN 27...	160	43	13	120	52	17	566	3.0	.4	.21
JUL 23...	160	44	13	118	57	17	244	2.3	1.1	.22
AUG 22...	170	44	14	127	62	21	77	1.3	.6	.18
SEP 05...	180	48	15	121	81	27	20	.9	.6	.23

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 04...	4	2	<10	<.5	2	<1	20	<1	10	4
NOV 17...	2	1	<10	<.5	1	<1	40	<1	7	6
DEC 07...	3	2	<10	<.5	2	2	10	<1	18	3
JAN 10...	2	1	<10	<.5	2	<1	20	<1	10	4
FEB 15...	2	1	<10	<.5	1	<1	20	<1	25	12
MAR 08...	2	1	<10	<.5	1	<1	10	<1	13	6
APR 17...	2	1	<10	<.5	1	<1	20	<1	9	2
MAY 02...	2	2	<10	<1	2	<1	10	<1	11	6
JUN 27...	3	2	<10	<1	2	<1	30	<1	19	6
JUL 23...	3	2	<10	<1	3	<1	10	<1	12	6
AUG 22...	3	2	<10	<1	1	<1	20	<1	9	5
SEP 05...	2	1	<10	<1	<1	<1	10	<1	5	3

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	532	524	350	322	412	398	383	---	381	406	438	---
2	526	523	354	324	411	402	382	396	382	423	440	---
3	524	522	426	335	412	353	381	403	379	424	439	---
4	505	536	417	323	413	351	382	393	383	422	439	---
5	523	507	345	334	413	355	382	396	377	407	438	---
6	524	513	323	415	---	354	383	375	375	424	439	---
7	522	502	352	---	---	355	382	374	375	422	439	---
8	524	501	371	412	---	353	377	396	375	407	442	---
9	503	506	360	414	---	354	379	395	375	407	441	---
10	514	503	366	416	---	353	378	366	374	421	442	---
11	520	492	365	414	---	351	377	365	374	535	445	533
12	526	509	283	415	---	355	377	320	380	420	443	538
13	505	494	322	417	---	354	384	---	375	421	443	521
14	522	495	326	411	---	357	377	318	381	453	446	531
15	503	493	337	418	---	351	377	318	384	449	442	521
16	504	492	301	414	412	358	396	317	380	450	442	512
17	504	490	215	412	436	350	395	317	397	419	---	513
18	505	496	194	413	---	352	396	318	404	419	---	514
19	506	507	303	416	435	350	397	317	380	419	---	528
20	507	508	292	414	445	356	396	318	421	419	---	536
21	501	501	271	415	436	358	396	318	420	419	---	514
22	503	515	300	417	436	356	396	318	423	414	---	523
23	502	494	296	421	400	356	394	318	424	419	---	522
24	520	423	267	416	396	358	396	318	424	426	---	516
25	526	412	298	423	398	359	396	317	422	420	---	510
26	523	401	393	414	396	356	396	318	427	430	---	522
27	521	400	292	412	395	360	397	318	420	430	---	536
28	525	446	291	415	396	364	396	318	423	431	---	532
29	524	443	290	411	397	369	394	318	407	439	---	530
30	522	424	326	411	---	364	396	318	424	439	---	532
31	526	---	324	417	---	370	---	317	---	438	---	---
MAX	532	536	426	423	---	402	397	403	427	535	---	---
MIN	501	400	194	322	---	350	377	317	374	406	---	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	20.0	14.5	4.5	5.0	9.5	12.5	---	22.0	28.5	37.5	---
2	23.5	20.5	13.5	6.0	8.0	8.5	13.5	18.0	23.0	28.0	38.0	---
3	24.0	20.0	14.0	6.5	7.5	9.0	14.0	18.5	24.0	28.5	37.5	---
4	23.0	20.0	11.0	4.5	6.5	7.5	13.0	19.0	23.5	22.5	37.5	---
5	22.0	19.0	12.5	3.5	7.0	7.5	14.0	19.0	23.5	28.5	38.0	---
6	24.5	19.0	11.5	5.0	---	7.5	13.5	19.5	24.5	28.0	38.5	---
7	24.0	18.0	12.5	---	---	8.0	12.5	19.0	23.5	29.5	38.5	---
8	23.5	17.5	13.5	5.0	---	8.5	13.5	19.5	23.5	28.0	36.5	---
9	24.5	17.0	12.5	5.5	---	9.0	13.5	20.5	24.5	29.5	37.0	---
10	24.0	17.5	12.5	6.0	---	9.5	13.0	20.0	24.5	29.5	32.5	---
11	24.5	18.0	13.5	6.0	---	9.5	13.5	20.5	23.5	28.5	35.0	29.5
12	23.0	18.5	9.5	6.0	---	9.0	14.0	19.5	24.0	29.5	29.5	29.5
13	23.5	17.0	10.0	5.0	---	9.5	14.5	---	24.5	29.5	38.5	29.0
14	22.0	17.5	9.0	2.0	---	11.0	14.5	19.0	25.0	29.0	28.0	28.5
15	21.5	18.5	9.5	2.0	---	8.5	14.0	20.0	25.5	28.0	28.5	28.0
16	24.5	18.0	8.0	3.5	8.5	12.5	14.0	20.5	26.0	28.5	29.0	---
17	23.5	17.5	7.5	4.0	9.0	10.5	14.0	21.5	26.5	28.0	---	27.5
18	23.0	16.5	6.5	3.0	---	10.0	15.5	21.0	26.5	27.5	---	27.5
19	22.0	15.5	5.5	7.0	9.5	10.5	14.5	20.0	28.0	27.5	---	27.0
20	23.0	15.0	4.5	6.0	9.0	12.0	16.0	21.5	27.5	29.0	---	26.0
21	22.5	15.5	3.5	5.0	8.5	---	16.5	22.0	28.5	28.0	---	27.0
22	22.0	16.5	5.0	3.0	---	---	15.5	23.0	28.0	28.5	---	26.5
23	22.5	16.5	3.5	4.0	8.0	12.5	17.0	23.5	27.0	29.5	---	27.0
24	21.5	14.0	3.0	5.0	8.5	---	17.5	23.0	27.5	29.5	---	26.5
25	22.0	14.5	3.0	3.0	9.5	---	18.0	22.5	26.5	29.0	---	26.5
26	21.0	15.0	4.5	3.0	8.5	13.0	17.5	23.0	26.5	29.5	---	26.0
27	20.5	15.5	4.0	3.0	9.5	12.5	18.0	22.5	25.5	29.0	---	25.5
28	21.0	14.0	4.0	4.0	9.0	12.0	18.5	21.5	25.0	29.5	---	25.5
29	20.0	14.5	4.0	5.0	9.5	13.0	18.0	22.0	26.5	28.0	---	26.0
30	20.0	14.5	5.0	5.5	---	13.5	18.5	23.0	27.0	28.5	---	25.0
31	21.5	---	5.5	5.0	---	12.5	---	22.0	---	29.0	---	---
MAX	24.5	20.5	14.5	7.0	---	13.5	18.5	23.5	28.5	29.5	---	---
MIN	20.0	14.0	3.0	2.0	---	7.5	12.5	18.0	22.0	22.5	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT	
01-10	309
11-20	322
21-31	323
NOV	
01-10	330
11-20	281
21-30	267
DEC	
01-10	219
11-20	188
21-31	183
JAN	
01-10	227
11-20	260
21-31	263
FEB	
01-10	256
11-20	276
21-29	255
MAR	
01-10	233
11-20	226
21-31	230
APR	
01-10	245
11-20	242
21-30	250
MAY	
01-10	243
11-20	191
21-31	189
JUN	
01-10	230
11-20	232
21-30	263
JUL	
01-10	258
11-20	270
21-31	260
AUG	
01-10	273
11-20	280
SEP	
11-20	322
21-30	320

07374400 MISSISSIPPI RIVER AT LULING, LA (CE 01290)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	39	26	16	25	23	29	---	19	17	19	---
2	30	36	21	24	25	24	30	21	17	18	21	---
3	31	34	30	15	24	20	26	26	15	16	18	---
4	32	42	28	20	23	20	25	23	19	18	17	---
5	32	38	22	16	26	20	25	22	18	18	19	---
6	28	36	20	14	---	22	26	20	19	18	17	---
7	30	36	21	22	---	22	25	19	18	18	18	---
8	32	34	24	26	---	21	22	22	18	18	18	---
9	31	42	24	26	---	24	24	23	17	18	19	---
10	32	37	23	28	---	21	24	19	18	17	18	---
11	32	36	22	20	---	22	23	20	17	27	20	22
12	30	38	20	25	---	21	24	13	16	17	18	23
13	34	36	18	24	---	21	28	---	19	16	14	23
14	32	36	18	26	---	22	26	13	16	19	18	23
15	32	36	20	25	---	20	24	12	18	16	18	23
16	32	37	18	26	26	22	22	14	18	16	26	23
17	30	39	16	24	29	20	22	12	20	16	---	22
18	34	37	16	26	---	20	20	14	21	20	---	24
19	30	38	18	27	28	21	22	13	18	17	---	26
20	30	36	16	27	25	23	22	13	22	17	---	24
21	33	38	16	26	27	23	21	13	23	14	---	26
22	32	36	17	28	25	21	21	15	19	15	---	22
23	32	36	16	25	24	21	22	13	18	16	---	21
24	35	31	16	26	23	22	22	14	19	16	---	24
25	36	28	16	25	24	21	22	14	20	16	---	26
26	36	26	26	27	22	21	22	13	17	18	---	20
27	34	26	18	27	23	21	22	14	17	20	---	23
28	34	34	17	24	22	20	22	14	16	16	---	25
29	35	30	20	---	22	24	21	13	17	16	---	24
30	31	30	18	23	---	24	20	14	18	19	---	24
31	34	---	18	25	---	23	---	13	---	18	---	---
MAX	36	42	30	28	---	24	30	26	23	27	---	---
MIN	28	26	16	14	---	20	20	12	15	14	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374400 MISSISSIPPI RIVER AT LULING, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)
OCT									
04...	9	6	1	<.1	<.1	5	3	1	1
NOV									
17...	<3	8	6	<.1	<.1	4	2	<1	<1
DEC									
07...	29	14	1	<.1	<.1	13	1	<1	<1
JAN									
10...	41	5	1	.3	.2	7	3	<1	<1
FEB									
15...	29	14	4	<.1	.1	17	3	<1	<1
MAR									
08...	80	10	<1	<.1	.8	14	5	<1	<1
APR									
17...	25	9	1	.1	.1	10	<1	<1	<1
MAY									
02...	12	8	3	.2	.2	15	5	1	1
JUN									
27...	11	36	7	.2	.3	21	1	1	1
JUL									
23...	9	13	4	.5	.1	10	2	<1	<1
AUG									
22...	5	13	1	.6	.1	3	<1	1	1
SEP									
05...	5	1	1	.1	.2	2	1	<1	<1

DATE	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	TRITIUM IN WATER MOLE-CULES (TU)	TRITIUM WATER MOLE-CULES COUNT ERROR (TU)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT									
04...	<1	100	13	44.4	1.9	4.1	<.01	6	<1
NOV									
17...	3	30	4	36.9	1.7	4.5	<.01	1	<1
DEC									
07...	1	50	6	29.2	1.4	9.3	<.01	6	<1
JAN									
10...	1	20	11	28.9	1.3	5.6	<.01	<1	1
FEB									
15...	1	50	11	29.2	1.3	9.9	<.01	5	3
MAR									
08...	2	60	28	25.5	1.3	9.6	<.01	<1	2
APR									
17...	<1	40	9	27.4	1.1	3.5	<.01	<1	<1
MAY									
02...	11	30	12	26.1	1.1	3.9	<.01	<1	1
JUN									
27...	<6	60	12	26.5	1.2	5.3	<.01	<1	5
JUL									
23...	3	40	20	30.1	1.2	30	<.01	<1	3
AUG									
22...	2	20	7	31.1	1.2	3.4	<.01	<1	<1
SEP									
05...	2	20	4	33.4	1.3	2.9	<.01	<1	<1

< Actual value is known to be less than the value shown.

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MISSISSIPPI RIVER MAIN STEM

073745[illegible]3 MISSISSIPPI RIVER AT NEW ORLEANS, LA

LOCATION.--Lat 29 57'03", long 90 08'17", Jefferson-Orleans Parish line, Hydrologic Unit 08090100, at Carrollton Street Municipal Water Plant intakes and at mile 103.8.

DRAINAGE AREA.--1,125,900 mi arbitrarily determined.

PERIOD OF RECORD.--Water years 1905-06, 1951-52, 1954-55, 1967 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1954 to September 1955, October 1968 to current year.
pH: October 1976 to current year.
WATER TEMPERATURES: August 1954 to September 1955, November 1970 to current year.
DISSOLVED OXYGEN: October 1968 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1968.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 630 micromhos Sept. 20, 1969; minimum, 200 micromhos May 1, 1975.
pH: Maximum, 8.1 units Mar. 21, 22, 1984; minimum, 6.8 units Apr. 9, May 1-5, 1980.
WATER TEMPERATURES: Maximum, 32.5 C July 14-22, 1980; minimum, 1.5 C Feb. 6-14, 1978, Jan. 7, 8, 1984.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L Feb. 23, 24, 1976, Jan. 27-29, 1982; minimum, 3.8 mg/L July 23, Aug. 1, 1969, Aug. 26, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A pH of 8.2 units was observed Apr. 8, May 13, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 581 micromhos Nov. 3; minimum, 289 micromhos May 24, 25.
pH: Maximum, 8.1 units Mar. 21, 22; minimum, 6.9 units Jan. 30, Mar. 7.
WATER TEMPERATURES: Maximum, 28.5 C Aug. 24-31; minimum, 1.5 C Jan. 7, 8.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 05...	0845	528	7.4	25.5	5	4.0	7.4	.9	K160
JAN 11...	0845	338	6.9	2.0	10	45	13.0	4.4	K120
APR 18...	0900	361	7.4	14.0	15	75	8.7	1.0	460
JUL 23...	1500	406	8.1	29.0	5	80	6.1	.6	K150

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 05...	--	190	48	16	33	3.4	140	77	31
JAN 11...	6600	130	36	9.8	14	2.5	87	43	19
APR 18...	350	130	37	10	16	2.7	94	43	22
JUL 23...	290	170	46	13	14	3.6	121	56	17

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 05...	.1	4.6	308	297	.6	.4	.38
JAN 11...	.3	6.9	218	184	1.8	.7	.23
APR 18...	.2	6.5	221	193	2.0	.4	.17
JUL 23...	.5	8.2	295	231	2.3	.8	.29

K Results based on colony count outside the acceptable range (non-ideal count).

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)
APR												
18...	2	1	<1	1	1	<1	10	1	10	3	<1	4900

DATE	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
APR											
18...	50	10	6	4	<10	190	10	<1	.1	<.01	10

DATE	SELENIUM, TOTAL (UG/L AS SE)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
05...	--	--	--	--	5.5	--	--	<.1	5	<.1	<1
APR											
18...	<1	450	10	<1	--	<.01	<1	--	--	--	--

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)
OCT											
05...	<.01	<.1	<.1	3	<.01	1.6	<.01	<.1	<.01	.2	<.01

DATE	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
05...	<.1	<.01	.8	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

< Actual value is known to be less than the value shown.

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

WATER-QUALITY DATA WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)
OCT											
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
05...	<.1	<.01	<.1	<.01	<.1	<.1	<1.0	<1	<10	<.01	<.1

< Actual value is known to be less than the value shown.

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07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.8	6.3	8.1	7.8	9.4	8.6	11.0	10.5	13.4	12.8	9.4	9.1
2	7.0	6.5	8.0	7.8	9.2	8.9	---	---	13.3	13.0	9.7	9.1
3	6.5	6.2	8.0	7.8	9.1	8.9	---	---	13.2	12.7	9.6	9.2
4	6.5	6.0	8.0	7.4	9.0	8.8	---	---	12.8	11.8	9.6	9.2
5	7.4	5.9	7.8	7.4	9.0	8.9	---	---	---	---	9.6	9.4
6	7.0	6.5	7.8	7.6	9.0	8.8	---	---	---	---	9.5	9.3
7	6.7	6.4	7.9	7.6	9.0	8.7	13.6	13.2	---	---	9.3	9.1
8	6.7	6.5	7.9	7.6	9.0	8.7	13.3	13.1	---	---	9.2	9.1
9	7.1	6.4	8.0	7.8	8.9	8.6	13.3	12.9	---	---	8.6	8.3
10	7.0	6.9	8.1	7.9	8.7	8.5	13.2	12.9	---	---	8.4	7.8
11	7.0	6.7	8.2	8.0	8.7	8.4	13.2	12.8	---	---	8.2	7.2
12	7.7	6.6	8.3	8.0	9.6	8.4	13.1	12.7	---	---	9.0	6.3
13	7.6	7.2	8.4	8.2	10.1	8.9	12.7	12.4	---	---	10.1	8.9
14	---	---	8.4	8.2	9.3	8.7	12.6	12.3	---	---	9.8	9.2
15	---	---	8.5	8.3	10.4	8.6	12.4	12.1	---	---	10.3	9.6
16	---	---	8.5	8.3	10.0	9.6	12.1	11.7	---	---	10.1	9.9
17	---	---	8.6	8.3	---	---	12.0	11.7	---	---	10.0	9.9
18	---	---	8.7	8.4	---	---	13.1	11.9	---	---	9.9	9.8
19	---	---	8.7	8.5	---	---	13.2	12.8	---	---	9.9	9.8
20	---	---	8.7	8.5	---	---	13.1	12.3	---	---	9.9	9.8
21	---	---	8.7	8.5	---	---	12.3	11.7	---	---	10.2	9.8
22	8.0	7.6	8.7	8.4	---	---	11.8	11.5	---	---	10.0	9.8
23	7.8	7.5	9.4	8.5	---	---	12.0	11.3	---	---	9.8	9.7
24	7.8	7.6	9.4	9.1	---	---	12.1	11.6	10.0	9.8	9.8	9.6
25	7.8	7.6	9.2	8.9	---	---	12.2	11.5	9.8	9.5	9.7	9.6
26	7.9	7.6	9.1	8.9	---	---	11.7	11.4	9.5	9.2	9.7	9.5
27	7.8	7.5	9.3	8.9	---	---	11.9	11.3	9.8	9.3	9.8	9.5
28	7.6	6.9	9.2	8.9	11.8	10.0	11.8	11.1	9.8	9.5	9.8	9.6
29	7.7	7.1	9.1	8.8	---	---	11.4	11.1	9.7	9.2	9.9	9.4
30	7.9	7.6	9.0	8.7	12.5	10.8	13.5	10.3	---	---	9.5	9.2
31	8.0	7.8	---	---	11.7	9.4	13.4	12.9	---	---	9.3	9.1
MONTH	---	---	9.4	7.4	---	---	13.6	10.3	---	---	10.3	6.3

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9.3	9.2	7.7	7.5	---	---	6.3	5.6	6.4	6.0	7.1	6.8
2	9.4	9.1	7.6	7.4	---	---	6.1	5.5	6.4	6.1	7.0	6.5
3	9.3	9.1	7.7	7.5	---	---	5.9	5.4	6.4	6.0	6.7	6.2
4	9.2	9.0	7.6	7.4	9.3	4.9	5.7	5.3	6.4	6.0	6.4	5.9
5	9.1	9.0	7.5	7.4	8.8	7.7	5.7	5.4	6.3	6.0	6.0	5.6
6	9.6	9.0	7.5	7.3	8.3	7.5	5.7	5.2	8.1	5.9	5.8	5.4
7	9.2	9.0	7.4	7.2	7.9	6.5	---	---	7.9	7.4	6.0	5.4
8	9.1	8.8	7.2	7.0	7.3	6.8	---	---	7.7	7.1	6.2	5.5
9	8.8	8.7	7.1	6.7	7.0	5.7	---	---	7.4	6.9	6.7	5.6
10	8.7	8.5	8.0	6.6	---	---	6.5	6.2	7.3	6.9	6.1	5.9
11	8.6	8.5	7.5	7.1	---	---	6.5	6.2	7.4	6.9	7.2	6.8
12	8.7	8.4	7.2	7.0	6.8	6.1	6.6	6.3	7.2	6.8	7.2	6.5
13	8.5	8.3	7.1	6.9	6.5	5.6	6.4	5.7	7.1	6.6	6.8	6.2
14	8.4	8.2	6.9	6.8	---	---	6.2	5.8	---	---	---	---
15	8.3	8.2	6.9	6.8	---	---	6.1	5.7	7.8	6.9	---	---
16	8.3	8.1	7.0	6.8	7.5	6.3	6.1	5.5	7.9	7.0	---	---
17	8.3	8.2	---	---	7.0	6.6	6.4	5.5	7.5	6.9	---	---
18	8.3	8.1	---	---	7.0	6.1	6.4	5.9	7.1	6.9	---	---
19	8.3	8.1	---	---	6.1	5.4	6.1	5.7	7.1	6.8	---	---
20	8.2	8.0	---	---	---	---	6.1	5.6	7.6	6.6	---	---
21	8.2	8.0	---	---	---	---	5.9	5.4	7.2	6.5	---	---
22	8.1	7.9	---	---	6.4	5.9	5.8	5.3	6.8	5.6	---	---
23	8.0	7.8	---	---	6.3	6.0	6.7	5.2	6.0	5.0	---	---
24	8.1	7.8	---	---	6.5	6.2	6.3	5.8	6.2	5.4	8.3	7.6
25	8.0	7.9	---	---	6.6	6.0	6.2	5.8	5.9	5.2	8.3	7.5
26	8.1	7.9	6.8	6.3	6.0	5.2	5.9	5.5	5.9	5.1	7.7	7.3
27	8.0	7.9	---	---	5.6	5.0	6.2	5.4	6.1	5.2	7.8	7.4
28	8.0	7.8	---	---	5.6	5.3	6.0	5.3	7.0	5.3	7.7	7.5
29	7.9	7.7	---	---	6.2	5.6	5.6	5.3	6.9	6.5	7.6	7.2
30	7.8	7.5	---	---	6.4	6.1	6.0	5.5	6.9	6.6	7.5	7.1
31	---	---	---	---	---	---	6.3	5.8	7.2	6.8	---	---
MONTH	9.6	7.5	---	---	---	---	6.7	5.2	8.6	5.0	---	---

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

PH (STANDARD UNITS), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	7.3	7.4	7.4	7.3	7.3	---	---	7.3	6.8	7.4	7.0
2	7.4	7.4	7.4	7.4	7.3	7.2	---	---	7.4	6.8	7.4	7.1
3	7.4	7.3	7.4	7.4	7.3	7.2	---	---	7.3	7.1	7.5	7.3
4	7.3	7.3	7.4	7.3	7.2	7.2	---	---	7.5	6.9	7.5	7.4
5	7.5	7.3	7.4	7.4	7.2	7.2	---	---	7.5	7.0	7.5	7.5
6	7.4	7.4	7.4	7.3	7.2	7.2	---	---	7.5	7.1	7.4	7.1
7	7.4	7.4	7.3	7.3	7.2	7.1	7.5	7.4	---	---	7.4	6.9
8	7.5	7.4	7.3	7.3	7.2	7.1	7.5	7.4	---	---	7.2	7.0
9	7.5	7.4	7.4	7.3	7.2	7.1	7.5	7.3	---	---	7.7	7.6
10	7.5	7.5	7.4	7.3	7.2	7.1	7.3	7.0	---	---	7.7	7.5
11	7.5	7.5	7.4	7.3	7.2	7.1	---	---	---	---	7.6	7.5
12	7.5	7.4	7.3	7.3	7.5	7.1	---	---	---	---	7.6	7.5
13	7.5	7.4	7.4	7.3	7.4	7.4	---	---	---	---	7.5	7.5
14	7.5	7.5	7.4	7.3	7.4	7.4	---	---	---	---	7.5	7.4
15	7.5	7.5	7.4	7.4	7.5	7.3	---	---	---	---	7.5	7.4
16	7.5	7.5	7.4	7.3	7.4	7.3	---	---	---	---	7.5	7.5
17	7.5	7.4	7.4	7.4	---	---	---	---	---	---	7.5	7.4
18	7.5	7.4	7.4	7.4	---	---	---	---	---	---	7.5	7.4
19	7.5	7.4	7.4	7.4	---	---	7.2	7.1	---	---	7.5	7.5
20	7.4	7.3	7.5	7.4	---	---	7.2	7.2	---	---	7.5	7.3
21	7.4	7.4	7.4	7.4	---	---	7.5	7.1	---	---	8.1	7.3
22	7.4	7.4	7.4	7.4	---	---	7.6	7.1	---	---	8.1	8.0
23	7.5	7.4	7.5	7.4	---	---	7.8	7.4	7.6	7.6	8.0	8.0
24	7.5	7.4	7.4	7.3	---	---	7.7	7.5	7.6	7.6	8.0	7.9
25	7.6	7.4	7.4	7.3	---	---	7.5	7.4	7.6	7.5	7.9	7.8
26	7.4	7.3	7.4	7.3	---	---	7.4	7.3	7.5	7.5	7.8	7.7
27	7.4	7.4	7.4	7.3	---	---	---	---	7.5	7.3	7.7	7.7
28	7.4	7.3	7.4	7.3	7.7	7.3	---	---	7.3	7.1	7.7	7.5
29	7.4	7.3	7.3	7.3	---	---	---	---	7.3	7.0	7.5	7.4
30	7.4	7.4	7.3	7.3	---	---	7.7	6.9	---	---	7.4	7.2
31	7.4	7.4	---	---	---	---	7.3	6.7	---	---	7.3	7.2
MONTH	7.6	7.3	7.5	7.3	---	---	---	---	---	---	8.1	6.9

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	7.1	---	---	7.3	7.2	7.2	7.2	7.3	7.2	7.5	7.5
2	7.2	7.1	---	---	7.2	7.2	7.2	7.1	7.3	7.3	7.5	7.5
3	7.2	7.1	---	---	7.2	7.2	7.2	7.1	7.3	7.3	7.5	7.4
4	7.2	7.0	---	---	7.2	7.2	7.1	7.1	7.3	7.2	7.5	7.4
5	---	---	---	---	7.2	7.2	7.2	7.1	7.3	7.2	7.4	7.3
6	---	---	---	---	7.2	7.2	7.2	7.1	7.2	7.2	7.4	7.3
7	7.6	7.5	---	---	7.9	7.2	7.2	7.1	7.2	7.2	7.3	7.3
8	7.6	7.5	---	---	7.9	7.8	7.2	7.2	7.2	7.2	7.4	7.3
9	7.5	7.4	---	---	7.9	7.8	7.2	7.1	7.2	7.2	7.4	7.3
10	7.4	7.3	---	---	7.9	7.8	7.2	7.2	7.2	7.2	7.4	7.4
11	7.4	7.4	7.4	7.3	7.8	7.8	7.2	7.2	7.2	7.2	7.5	7.4
12	7.6	7.2	7.3	7.2	7.8	7.8	7.2	7.2	7.2	7.2	7.4	7.3
13	7.6	7.6	7.2	7.1	7.8	7.8	7.2	7.2	7.2	7.2	7.4	7.3
14	7.6	7.5	7.1	7.1	7.8	7.8	7.2	7.2	---	---	---	---
15	7.5	7.4	7.1	7.1	7.8	7.7	7.2	7.2	7.3	7.2	---	---
16	7.5	7.3	7.1	7.0	7.8	7.8	7.2	7.2	7.3	7.3	---	---
17	7.3	7.3	7.2	7.0	7.8	7.8	7.2	7.2	7.3	7.3	---	---
18	7.5	7.3	7.2	7.1	7.8	7.1	7.2	7.2	7.3	7.3	---	---
19	7.5	7.4	7.1	7.1	7.1	7.1	7.2	7.2	7.3	7.2	---	---
20	7.5	7.4	7.1	7.1	7.1	7.1	7.2	7.2	7.3	7.2	---	---
21	7.6	7.5	7.1	7.1	7.1	7.1	7.2	7.1	7.3	7.2	---	---
22	7.6	7.5	7.1	7.0	7.2	7.1	7.2	7.2	7.3	7.3	---	---
23	7.6	7.5	7.1	7.0	7.2	7.2	7.2	7.1	7.3	7.3	---	---
24	---	---	7.1	7.0	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.1
25	---	---	7.6	7.0	7.3	7.2	7.2	7.2	7.3	7.3	7.2	7.2
26	---	---	7.5	7.5	7.3	7.2	7.2	7.2	7.3	7.3	7.2	7.2
27	---	---	7.5	7.5	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.2
28	---	---	7.5	7.5	7.2	7.2	7.2	7.2	7.4	7.3	7.2	7.1
29	---	---	7.5	7.1	7.3	7.2	7.2	7.2	7.4	7.4	7.2	7.1
30	---	---	7.3	7.2	7.2	7.2	7.2	7.2	7.5	7.4	7.2	7.1
31	---	---	7.3	7.2	---	---	7.2	7.2	7.5	7.5	---	---
MONTH	---	---	---	---	7.9	7.1	7.2	7.1	7.5	7.2	---	---

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.5	25.0	20.5	20.0	13.5	13.0	---	---	4.0	3.5	8.0	8.0
2	25.5	25.0	20.0	20.0	13.5	13.0	---	---	4.0	3.5	8.0	8.0
3	25.0	25.0	20.0	19.5	13.5	13.0	---	---	4.5	4.0	8.0	8.0
4	25.5	25.0	19.5	19.5	13.0	12.5	---	---	5.0	4.0	8.0	7.5
5	25.0	25.0	19.5	19.0	12.5	12.5	---	---	6.5	4.5	8.0	8.0
6	25.0	24.5	19.0	18.5	12.5	12.0	---	---	7.0	5.0	8.0	7.5
7	24.5	24.5	18.5	18.5	12.0	11.5	1.5	1.5	---	---	8.0	7.5
8	24.5	24.5	18.5	18.0	11.5	11.0	2.0	1.5	---	---	8.0	7.5
9	24.5	24.0	18.5	18.0	11.0	11.0	2.0	2.0	---	---	8.5	8.5
10	24.5	24.0	18.0	17.5	11.0	10.5	2.5	2.0	---	---	9.0	8.5
11	24.5	24.0	17.5	17.5	11.0	10.5	2.5	2.5	---	---	9.0	8.5
12	24.0	24.0	17.5	17.0	10.5	10.0	3.0	2.5	---	---	9.5	8.5
13	24.0	23.5	17.5	17.0	10.5	10.0	3.0	3.0	---	---	8.5	8.0
14	23.5	23.5	17.5	17.0	10.0	10.0	3.5	3.0	---	---	9.0	8.5
15	23.5	23.0	17.0	16.5	10.0	9.0	3.5	3.5	---	---	8.5	8.5
16	23.5	23.0	16.5	16.0	9.0	8.5	4.0	3.5	---	---	8.5	8.5
17	23.0	23.0	16.0	16.0	9.0	8.5	4.0	4.0	---	---	9.0	8.5
18	23.0	23.0	16.0	16.0	---	---	4.0	4.0	---	---	9.0	9.0
19	23.0	23.0	16.0	15.5	---	---	4.0	4.0	---	---	9.5	9.0
20	23.0	23.0	16.0	15.5	---	---	4.0	3.5	---	---	9.5	9.5
21	23.0	23.0	15.5	15.5	---	---	4.0	3.5	---	---	10.0	9.5
22	23.0	23.0	15.5	15.5	---	---	4.0	3.5	---	---	10.0	9.5
23	23.0	22.5	16.0	15.5	---	---	5.0	4.0	8.5	8.5	10.5	10.0
24	22.5	22.0	15.5	15.0	---	---	4.5	4.0	8.5	8.5	10.5	10.5
25	22.0	22.0	15.0	15.0	---	---	4.0	4.0	8.5	8.5	10.5	10.5
26	22.0	21.5	15.0	15.0	---	---	4.0	3.5	9.0	8.5	10.5	10.5
27	21.5	21.5	15.0	14.0	---	---	4.5	3.5	9.0	8.5	10.5	10.0
28	21.5	21.5	14.0	14.0	5.0	3.5	4.5	3.5	8.5	8.0	10.0	10.0
29	21.5	21.0	14.0	13.5	---	---	5.0	3.5	8.0	8.0	10.0	9.5
30	21.0	20.5	13.5	13.5	---	---	5.0	3.0	---	---	10.0	9.5
31	20.5	20.5	---	---	---	---	3.5	3.5	---	---	10.0	9.5
MONTH	25.5	20.5	20.5	13.5	---	---	---	---	---	---	10.5	7.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	10.0	9.5	16.0	16.0	21.5	20.0	27.0	27.0	27.5	27.5	28.0	28.0
2	10.0	9.5	16.0	16.0	21.5	21.0	27.0	26.5	27.5	27.5	28.0	28.0
3	10.0	10.0	16.5	16.0	22.0	21.5	26.5	26.5	27.5	27.5	28.0	28.0
4	10.0	10.0	16.5	16.5	22.0	21.5	27.0	26.5	27.5	27.0	28.0	28.0
5	10.0	10.0	17.0	16.5	21.5	21.5	27.0	27.0	27.5	27.0	28.0	27.5
6	10.5	10.0	17.5	17.0	21.5	21.5	27.0	27.0	27.0	27.0	27.5	27.5
7	10.5	10.5	18.0	17.5	22.0	21.5	27.5	27.0	27.0	27.0	27.5	27.5
8	11.0	10.5	18.0	18.0	22.0	22.0	27.5	27.0	27.5	27.0	27.5	27.5
9	11.5	11.0	18.0	18.0	22.0	22.0	27.5	27.0	27.5	27.0	27.5	27.5
10	11.5	11.5	18.5	18.0	22.0	22.0	27.5	27.0	27.0	27.0	27.5	27.5
11	12.0	11.5	18.5	18.5	23.0	22.0	27.5	27.0	27.0	27.0	27.5	27.0
12	12.5	12.0	18.5	18.5	23.5	23.0	27.5	27.0	27.0	27.0	27.5	27.0
13	12.5	12.5	18.5	18.5	24.0	23.5	27.5	27.0	27.0	26.5	27.5	27.0
14	13.0	12.5	19.0	18.5	24.0	23.5	27.5	27.5	27.0	23.5	---	---
15	13.0	12.5	19.0	19.0	24.5	24.0	27.5	27.5	27.0	26.5	---	---
16	13.0	13.0	19.0	19.0	24.5	24.5	27.5	27.0	27.0	26.5	---	---
17	13.5	13.0	19.0	19.0	25.0	24.5	27.0	27.0	27.0	27.0	---	---
18	13.5	13.0	19.5	19.0	25.0	25.0	27.0	27.0	27.0	27.0	---	---
19	13.5	13.5	19.5	19.0	25.5	25.0	27.5	27.0	27.5	27.0	---	---
20	14.0	13.5	19.5	19.0	26.0	25.5	27.5	27.5	27.5	27.0	---	---
21	14.5	14.0	19.5	19.0	26.5	26.0	27.5	27.5	28.0	27.5	---	---
22	14.5	14.5	21.0	19.5	26.5	26.5	27.5	27.5	28.0	27.5	25.5	25.5
23	14.5	14.5	---	---	27.0	26.5	27.5	27.5	28.0	28.0	25.5	25.5
24	15.0	14.5	---	---	27.0	27.0	27.5	27.5	28.5	28.0	25.5	25.0
25	15.0	14.5	20.0	19.5	27.5	27.0	27.5	27.5	28.5	28.0	25.0	25.0
26	15.0	15.0	20.5	20.0	27.5	27.5	27.5	27.5	28.5	28.0	25.0	24.5
27	15.5	15.0	20.5	20.5	27.5	27.5	27.5	27.5	28.5	28.5	25.0	24.5
28	16.0	15.5	21.0	20.5	27.5	27.5	27.5	27.5	28.5	28.5	25.0	24.5
29	16.0	15.5	21.5	21.0	27.0	27.0	28.0	27.5	28.5	28.0	24.5	24.5
30	16.0	16.0	22.0	21.0	27.0	27.0	28.0	27.5	28.5	28.0	24.5	24.0
31	---	---	22.0	19.5	---	---	27.5	27.5	28.5	28.0	---	---
MONTH	16.0	9.5	22.5	16.0	27.5	20.0	28.0	26.5	28.5	23.5	---	---

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07374508 MISSISSIPPI RIVER AT NEW ORLEANS, LA--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	520	508	554	537	451	437	---	---	410	401	383	375
2	534	519	577	555	442	433	---	---	407	405	388	376
3	538	533	581	575	437	427	---	---	407	401	380	373
4	534	526	576	552	431	422	---	---	400	387	376	366
5	530	508	558	547	429	422	---	---	389	383	366	361
6	522	505	546	515	424	408	---	---	383	377	364	357
7	535	512	514	508	429	409	332	319	379	371	356	344
8	552	533	516	508	427	407	332	328	379	368	346	344
9	556	540	513	501	405	392	337	332	384	373	327	324
10	542	529	512	508	390	375	344	330	394	383	339	327
11	529	518	517	506	376	372	344	329	---	---	344	337
12	535	519	523	512	374	358	330	318	---	---	340	329
13	536	524	523	513	357	341	329	313	---	---	336	332
14	546	531	529	521	341	329	329	316	---	---	342	333
15	535	525	522	505	329	319	---	---	---	---	341	335
16	545	532	523	513	325	319	332	326	---	---	343	337
17	548	538	523	508	---	---	340	331	---	---	341	331
18	554	542	520	515	---	---	336	330	---	---	332	319
19	555	543	523	509	---	---	336	327	---	---	324	318
20	560	545	515	506	---	---	343	336	---	---	322	316
21	544	543	524	510	---	---	355	342	---	---	324	319
22	539	529	536	525	---	---	357	352	---	---	325	316
23	537	520	534	508	---	---	374	357	379	371	318	313
24	529	521	507	455	---	---	384	369	385	377	320	314
25	522	517	452	433	---	---	391	385	383	377	326	317
26	521	514	438	431	---	---	398	386	382	374	332	319
27	533	514	430	415	---	---	399	391	381	377	340	330
28	531	505	443	419	303	296	401	395	382	374	356	339
29	532	507	467	442	---	---	410	395	377	367	361	352
30	545	529	468	445	---	---	402	393	---	---	359	347
31	549	540	---	---	---	---	404	399	---	---	350	345
MONTH	560	505	581	415	---	---	---	---	---	---	388	313
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	347	338	381	375	299	291	394	388	444	434	468	461
2	337	332	387	379	297	295	401	395	453	444	477	468
3	335	328	390	381	299	296	399	391	451	441	482	475
4	332	328	386	373	308	300	390	385	442	429	488	482
5	339	330	378	366	311	308	391	385	428	425	497	483
6	350	337	367	356	317	312	398	387	431	422	490	486
7	349	344	358	350	327	318	400	390	441	431	495	488
8	348	345	356	349	334	328	410	397	462	443	499	488
9	355	346	355	346	335	331	412	404	473	462	505	500
10	362	356	351	327	339	333	413	408	472	463	503	501
11	362	358	337	327	343	339	411	406	471	463	524	507
12	369	357	332	325	347	343	418	408	474	463	539	524
13	368	359	333	325	358	348	428	413	475	469	541	522
14	368	359	333	326	358	354	434	426	---	---	---	---
15	366	356	330	324	363	357	434	429	470	461	---	---
16	362	355	327	316	365	361	433	429	460	452	---	---
17	359	350	320	316	370	364	429	425	457	441	---	---
18	359	350	316	306	378	371	426	419	441	432	---	---
19	357	351	306	300	390	379	426	419	440	432	---	---
20	356	349	300	296	400	391	424	410	439	427	---	---
21	355	345	296	290	405	398	413	409	435	428	---	---
22	356	349	295	290	422	406	409	404	456	435	529	513
23	356	349	300	294	437	422	406	403	468	451	519	515
24	355	345	292	289	466	437	404	396	471	465	516	507
25	359	349	299	289	488	467	402	395	475	466	512	505
26	363	356	299	298	480	437	407	401	473	461	506	501
27	367	361	298	295	437	401	412	405	487	474	516	501
28	371	362	297	295	401	399	418	411	491	484	535	516
29	376	369	299	292	388	384	420	412	492	477	545	526
30	378	374	295	291	390	383	425	421	487	466	526	521
31	---	---	299	294	---	---	441	420	466	458	---	---
MONTH	378	328	390	289	488	291	441	385	492	425	---	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°51'25", long 89°58'40", in lot 20, T.14 S., R.12 E., Plaquemines Parish, Hydrologic Unit 08090100, at ferry crossing at Belle Chasse and at mile 76.0.

DRAINAGE AREA.--1,125,930 mi , arbitrarily determined.

PERIOD OF RECORD.--Water years 1975 to current year.

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to current year.
WATER TEMPERATURES: October 1975 to current year.
CHLORIDE: October 1974 to current year.
SULFATE: October 1974 to September 1978.
DISSOLVED SOLIDS: October 1978 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 692 micromhos Jan. 31, 1981; minimum daily, 243 micromhos Mar. 31, 1976, Jan. 24, 1979.
WATER TEMPERATURES: Maximum daily, 38.0 June 9, 1984; minimum daily, 2.0°C Feb. 7, 1984.
CHLORIDE: Maximum daily, 85 mg/L June 26, 27, 1977; minimum daily, 11 mg/L Apr. 21, May 12, 1975, May 12, 1984.
SULFATE: Maximum daily, 93 mg/L Oct. 30, 1976; minimum daily, 28 mg/L Feb. 3, 1975.
DISSOLVED SOLIDS: Maximum, 371 mg/L Feb. 1-10, 1981; minimum, 156 mg/L Jan. 21-31, 1979.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 585 micromhos Nov.4; minimum daily, 282 micromhos Dec. 27.
WATER TEMPERATURES: Maximum daily, 38.0°C June 9; minimum daily,2.0°C Feb. 7.
CHLORIDE: Maximum daily, 48 mg/L Nov. 4; minimum daily, 11 mg/L May 12.
DISSOLVED SOLIDS: Maximum daily, 329 mg/L Oct. 21-31; minimum, 181 mg/L Dec. 21-31.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A temperature of 1.5°C was observed on Feb. 9, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
05...	1115	197000	540	7.2	25.0	5	3.4	7.0	1.0	K130	--
NOV											
17...	1006	280000	--	--	--	--	--	--	--	--	--
DEC											
08...	1100	764000	425	7.0	11.0	10	95	10.4	1.7	K140	1000
JAN											
11...	1000	522000	--	--	--	--	--	--	--	--	--
FEB											
16...	1100	492000	379	6.8	6.5	20	9.9	11.6	3.7	220	2300
MAR											
09...	1000	858000	--	--	--	--	--	--	--	--	--
APR											
18...	1230	996000	361	7.0	14.0	15	65	9.2	1.1	950	270
MAY											
03...	1100	956000	--	--	--	--	--	--	--	--	--
JUN											
28...	0945	490000	423	7.9	27.5	10	190	5.8	.8	1200	720
JUL											
24...	0930	412000	--	--	--	--	--	--	--	--	--
AUG											
23...	0900	--	493	7.8	29.0	5	13	6.3	.7	K90	K190
SEP											
06...	1115	197000	--	--	--	--	--	--	--	--	--

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT									
05...	200	50	17	35	3.4	140	81	31	.2
DEC									
08...	160	41	13	24	3.2	99	65	27	.3
FEB									
16...	140	37	11	19	2.5	94	50	23	.3
APR									
18...	130	36	10	17	2.6	93	43	23	.2
JUN									
28...	160	44	13	16	3.2	119	52	20	.4
AUG									
23...	170	45	15	27	3.3	121	62	28	.4

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 05...	3.9	315	306	.5	.07	.3	.33	--	.30
DEC 08...	6.7	252	239	1.7	.14	.8	.17	.13	.10
FEB 16...	6.8	239	206	1.4	.24	1.2	.10	--	.08
APR 18...	6.6	231	194	2.0	.27	1.1	.12	.08	.07
JUN 28...	6.9	256	226	--	--	--	--	--	--
AUG 23...	7.5	--	261	1.3	.04	1.0	.18	.17	.14

DATE	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT 05...	10	3	110	<.5	<1	<1	<3	8	18	1
FEB 16...	20	1	81	<.5	<1	<1	<3	4	36	5
APR 18...	<10	1	67	<.5	<1	<1	<3	3	29	2
JUN 28...	<10	1	80	1	<1	<10	5	3	18	4
AUG 23...	--	--	92	<1	<1	--	<3	--	<3	--

DATE	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 05...	16	2	<.1	<10	1	1	<1	250	<6	19
FEB 16...	9	33	.2	<10	2	<1	4	160	<6	9
APR 18...	6	12	<.1	<10	2	<1	1	160	<6	85
JUN 28...	--	<1	.1	--	2	1	<1	--	--	<3
AUG 23...	15	<1	--	<10	--	<1	--	210	<6	7

DATE	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)
OCT 05...	<8.0	.8	.5	<4.3	1.3	<3.7	1.3	.27	2.8
APR 18...	<4.6	4.6	3.1	3.5	3.9	3.0	3.3	.14	1.2

< Actual value is known to be less than the value shown.

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 05...	22	11700	45
NOV 17...	30	22700	100
DEC 08...	448	924000	88
JAN 11...	166	234000	75
FEB 16...	368	489000	96
MAR 09...	500	1160000	81
APR 18...	314	844000	46
MAY 03...	200	516000	62
JUN 28...	570	754000	99
JUL 24...	219	244000	99
AUG 23...	56	--	100
SEP 06...	16	8510	100

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	502	552	463	302	445	439	417	384	382	406	---	489
2	503	533	464	304	426	391	363	385	432	406	475	489
3	504	564	445	315	427	418	358	392	326	426	479	501
4	515	585	456	320	488	420	352	393	388	411	476	499
5	536	553	432	306	445	428	351	479	405	413	472	518
6	513	552	430	373	404	387	360	397	333	406	490	525
7	522	---	425	361	403	391	371	367	336	443	470	530
8	531	501	432	352	392	368	370	362	349	447	445	537
9	530	540	410	---	391	379	369	361	346	424	459	534
10	566	496	416	372	404	484	378	352	371	426	473	527
11	557	507	393	304	415	470	381	399	380	426	472	525
12	575	503	374	342	426	363	381	397	376	425	473	530
13	514	504	382	346	413	363	372	390	380	436	476	547
14	513	---	381	404	412	356	---	354	377	502	513	---
15	522	---	340	335	421	358	---	354	380	492	489	---
16	531	---	347	---	390	---	---	349	383	448	489	---
17	520	---	473	---	398	384	---	342	---	448	477	---
18	506	---	382	354	527	457	---	339	---	444	469	---
19	530	---	321	357	490	364	370	341	393	447	---	---
20	532	---	310	343	456	385	431	340	405	448	478	---
21	541	---	326	352	400	342	417	322	406	441	479	---
22	541	---	313	361	408	342	404	317	434	446	477	---
23	543	552	322	---	383	333	360	316	522	426	478	---
24	522	480	331	386	382	337	360	314	428	427	497	---
25	524	481	325	---	407	336	363	315	490	437	495	---
26	526	446	324	405	402	385	369	334	491	418	436	---
27	513	443	282	---	398	359	375	348	469	420	492	---
28	512	---	303	494	421	366	375	332	428	442	500	---
29	---	445	300	413	396	386	375	315	408	440	505	---
30	---	482	302	---	---	379	382	315	408	430	503	---
31	---	---	300	---	---	377	---	379	---	438	505	---
MAX	575	---	473	---	527	484	431	479	522	502	513	---
MIN	502	---	282	---	382	333	351	314	326	406	445	---

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.0	26.0	20.0	5.5	5.0	10.0	16.0	18.0	22.0	30.0	---	30.0
2	26.5	26.0	---	8.0	6.0	10.0	14.0	18.0	21.0	---	30.0	32.0
3	34.0	24.0	22.0	4.0	6.0	16.5	14.0	19.0	22.0	28.0	28.0	30.0
4	30.0	26.0	24.0	3.0	4.5	15.5	14.0	19.0	22.0	30.0	30.0	30.0
5	32.0	24.0	18.0	3.0	4.5	10.0	13.0	17.0	22.0	32.0	32.0	30.0
6	28.0	23.0	14.0	6.0	3.0	10.0	12.0	18.0	32.0	30.0	28.0	30.0
7	26.0	---	18.0	---	2.0	12.0	14.0	22.0	---	29.0	32.0	30.0
8	26.5	20.0	16.0	---	3.0	10.0	18.0	22.0	30.0	31.0	32.0	30.0
9	26.0	26.0	20.0	---	---	10.0	14.0	---	38.0	32.0	30.0	28.0
10	25.0	22.0	20.0	4.0	5.0	10.0	14.0	21.0	26.5	30.0	32.0	32.0
11	24.0	20.0	20.0	3.0	7.0	16.5	14.0	21.0	25.0	30.0	30.0	30.0
12	24.0	22.0	16.0	3.0	7.0	14.0	14.0	20.0	32.0	32.0	30.0	32.0
13	23.0	26.0	16.0	3.0	7.0	16.0	16.0	21.0	27.0	32.0	30.0	32.0
14	24.0	---	14.0	6.0	4.5	10.0	---	24.5	27.0	31.0	29.0	---
15	25.5	---	16.0	7.0	7.0	12.0	---	23.0	29.0	30.0	30.0	---
16	26.5	---	14.0	---	---	---	---	24.0	29.0	30.0	30.0	---
17	26.0	---	15.0	---	9.0	---	---	26.0	---	30.0	32.0	---
18	25.0	---	15.0	8.0	---	---	---	26.0	---	32.0	30.0	---
19	27.0	---	14.0	8.0	---	---	16.0	20.0	24.0	34.0	---	---
20	27.0	---	22.0	8.0	12.0	---	17.0	22.0	26.5	32.0	30.0	---
21	28.0	---	9.0	4.0	9.0	14.0	14.0	28.0	28.0	32.0	30.0	---
22	24.0	---	9.0	4.0	12.0	16.0	14.0	20.0	29.0	33.0	32.0	---
23	26.0	26.0	9.0	---	12.0	16.0	16.0	26.0	29.0	32.0	32.0	---
24	22.0	24.0	---	4.5	10.0	14.0	16.0	28.0	29.0	32.0	34.0	---
25	23.0	20.0	---	---	---	16.0	14.0	28.0	32.0	30.0	30.0	---
26	22.0	22.0	8.0	4.0	---	14.0	16.0	25.0	30.0	34.0	31.0	---
27	23.0	22.0	10.0	---	12.0	15.0	14.0	24.0	28.0	32.0	30.0	---
28	24.0	---	8.0	6.0	9.0	14.0	15.0	25.0	30.0	30.0	28.0	---
29	---	20.0	4.0	4.0	10.0	16.0	16.0	24.0	30.0	31.0	30.0	---
30	---	22.0	---	---	---	14.0	18.0	23.0	32.0	34.0	32.0	---
31	---	---	5.5	---	---	12.0	---	23.0	---	34.0	32.0	---
MAX	34.0	---	24.0	---	---	16.5	18.0	28.0	38.0	34.0	34.0	---
MIN	22.0	---	4.0	---	---	10.0	12.0	17.0	21.0	28.0	28.0	---

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	38	34	21	26	23	24	22	15	20	24	31
2	32	37	36	18	30	23	23	22	15	20	27	29
3	32	44	34	20	26	28	26	22	15	22	27	35
4	33	48	32	20	28	24	23	23	16	21	26	37
5	31	44	28	15	26	25	22	22	14	21	25	38
6	30	44	30	24	26	25	25	20	15	16	23	37
7	40	---	29	19	25	26	25	26	14	21	22	35
8	38	41	28	20	24	23	26	20	15	23	21	35
9	37	42	28	18	24	20	24	14	17	23	23	33
10	42	42	27	---	27	22	29	14	16	22	23	31
11	40	38	25	---	27	22	27	14	16	22	22	33
12	43	42	24	20	26	21	28	11	18	22	21	31
13	34	43	22	20	30	25	25	13	18	23	25	33
14	38	---	23	20	28	24	---	14	---	22	26	---
15	36	---	19	24	27	25	---	13	---	23	28	---
16	35	---	18	---	25	---	---	16	---	23	25	---
17	32	---	20	---	24	24	---	16	---	22	29	---
18	30	---	18	22	26	21	---	15	---	23	31	---
19	30	---	18	20	27	24	21	14	---	22	31	---
20	33	---	18	20	28	25	25	16	19	23	32	---
21	38	---	18	24	25	24	23	15	23	25	24	---
22	38	---	20	21	23	24	24	16	23	22	31	---
23	38	34	18	---	24	23	21	16	22	22	29	---
24	35	40	16	24	23	21	22	16	23	16	30	---
25	34	30	20	---	25	22	21	16	24	22	29	---
26	38	30	17	25	24	22	23	17	22	20	28	---
27	34	30	18	---	24	22	23	17	23	21	27	---
28	40	---	18	24	22	23	22	17	21	23	28	---
29	---	26	16	25	23	21	24	16	20	22	30	---
30	---	30	18	---	---	23	24	15	20	22	29	---
31	---	---	16	---	---	23	---	14	---	20	30	---
MAX	43	---	36	---	30	28	29	26	---	25	32	---
MIN	30	---	16	---	22	20	21	11	---	16	21	---

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LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374525 MISSISSIPPI RIVER AT BELLE CHASSE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
OCT	
01-10	300
11-20	324
21-31	329
NOV	
01-10	326
11-20	308
21-30	276
DEC	
01-10	244
11-20	213
21-31	181
JAN	
01-10	202
11-20	215
21-31	256
FEB	
01-10	263
21-29	243
MAR	
01-10	250
11-20	238
21-31	220
APR	
01-10	227
11-20	236
21-30	230
MAY	
01-10	242
11-20	220
21-31	200
JUN	
01-10	227
11-20	238
21-30	280
JUL	
01-10	260
11-20	280
21-31	266
AUG	
01-10	285
11-20	299
21-31	300
SEP	
01-10	315

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)

LOCATION.--Lat 29°16'33", long 89°21'10", T.21 S. R.31 E., Plaquemines Parish, Hydrologic Unit 08090100, in center of river at Venice and at mile 10.7.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1973 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	SETTLE-ABLE MATTER (ML/L/HR)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 06...	0840	2110	7.3	<1.0	25.0	5	4.0	7.6	--	.5	--	K30
NOV 18...	1100	742	7.2	<1.0	16.5	5	10	10.1	15	1.1	4400	230
DEC 09...	0930	428	7.0	<1.0	11.0	10	160	8.8	<10	.7	2900	--
JAN 12...	0945	342	7.3	<1.0	2.5	5	55	12.6	15	--	4200	K150
FEB 17...	1030	403	7.0	<1.0	7.0	15	40	10.5	10	3.1	820	K140
MAR 12...	1100	356	6.9	<1.0	9.0	20	140	9.4	<10	3.0	1000	K70
APR 19...	0930	361	7.8	<1.0	14.0	15	75	8.3	<10	1.2	680	340
MAY 04...	1200	403	7.9	<1.0	17.0	10	65	8.3	<10	1.5	650	240
JUN 29...	0900	436	7.9	<1.0	27.5	5	200	5.6	11	.9	5800	K360
JUL 24...	1400	407	7.9	<1.0	29.0	5	80	6.3	12	.6	2400	100
AUG 23...	1600	495	7.8	<1.0	30.0	5	15	6.2	10	.6	260	K80
SEP 07...	0900	687	8.0	<1.0	28.5	5	3.0	7.0	<10	.4	260	58

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)
OCT 06...	320	52	45	140	140	570	2	.6	.7	.29	3	2
NOV 18...	180	44	18	109	90	110	10	1.4	.5	.24	2	1
DEC 09...	160	41	13	107	65	28	207	1.7	.5	.19	4	1
JAN 12...	130	36	10	89	44	21	106	1.7	.9	.19	2	1
FEB 17...	150	39	12	98	56	26	88	1.4	.5	.20	--	2
MAR 12...	140	36	11	88	41	23	144	2.5	.7	.27	2	1
APR 19...	130	36	10	102	44	22	164	2.1	.8	.24	2	1
MAY 04...	150	40	12	106	52	22	134	2.0	.7	.18	2	1
JUN 29...	170	46	13	116	56	19	584	3.0	.9	.22	3	2
JUL 24...	170	46	14	119	56	20	194	2.4	.7	.16	2	2
AUG 23...	170	43	14	127	60	31	68	1.5	.8	.18	3	3
SEP 07...	190	48	18	124	85	84	4	1.0	.6	.18	2	1

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07374550 MISSISSIPPI RIVER AT VENICE, LA (CE 01480)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)
OCT 06...	<10	<10	1	1	10	<1	10	2	20	<1	1	<.1
NOV 18...	<10	<.5	1	<1	<10	<1	11	8	14	5	--	<.1
DEC 09...	<10	<.5	3	<1	20	<1	22	4	23	24	4	<.1
JAN 12...	<10	<.5	1	<1	10	<1	13	7	45	4	2	<.1
FEB 17...	<10	<.5	<1	<1	10	<1	10	5	30	5	3	.2
MAR 12...	<10	<1	1	<1	10	<1	8	<10	51	7	<1	.1
APR 19...	<10	<1	1	<1	10	<1	9	2	23	10	3	<.1
MAY 04...	<10	<1	2	<1	20	<1	10	2	28	6	1	.2
JUN 29...	<10	1	2	<1	30	<1	20	4	25	22	5	.4
JUL 24...	<10	1	1	<1	20	<1	11	4	65	15	5	.1
AUG 23...	<10	<1	1	<1	50	<1	6	6	6	9	2	.1
SEP 07...	<10	1	<1	<1	<10	<1	3	2	6	3	2	<.1

DATE	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)
OCT 06...	<.1	6	2	1	1	--	70	30	3.4	<.01	4	<1
NOV 18...	<.1	5	2	<1	<1	4	20	15	4.1	<.01	<1	<1
DEC 09...	<.1	14	4	1	<1	2	80	11	7.4	<.01	5	1
JAN 12...	<.1	12	5	<1	<1	1	30	8	5.2	<.01	<1	1
FEB 17...	<.1	5	2	<1	<1	2	10	9	5.2	<.01	2	1
MAR 12...	.3	9	3	<1	<1	<1	40	17	6.4	<.01	<1	1
APR 19...	<.1	8	<1	<1	<1	1	50	7	1.3	<.01	<1	<1
MAY 04...	.2	11	2	<1	<1	1	--	13	4.2	<.01	<1	<1
JUN 29...	.2	20	2	1	1	<6	50	7	5.6	<.01	<1	<1
JUL 24...	--	10	1	<1	<1	2	30	11	4.5	<.01	<1	2
AUG 23...	<.1	2	2	<1	<1	2	--	16	3.4	<.01	<1	<1
SEP 07...	<.1	--	4	<1	<1	1	10	4	2.8	<.01	<1	<1

< Actual value is known to be less than the value shown.

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301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)

LOCATION.--Lat 30°10'02", long 89°44'13", T.10 S., R.15 E., Orleans Parish, Hydrologic Unit 08090203, at U.S. Highway 90, and 6.4 mi southeast of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C Aug. 7, 8, 1981; minimum daily, 3.5°C Jan. 19, 1977.
CHLORIDE: Maximum daily, 14,000 mg/L Sept. 1, 1977; minimum daily, 35 mg/L June 17, 1983.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.5	21.0	15.0	---	9.0	11.0	---	25.0	25.5	28.0	28.0	29.0
2	25.0	21.0	15.0	---	9.0	12.0	19.0	24.0	25.0	27.0	26.0	---
3	25.0	21.0	---	6.5	---	12.0	20.0	25.0	---	28.0	26.5	---
4	26.0	22.0	---	5.5	---	---	19.0	26.0	25.5	---	27.0	28.0
5	26.0	22.0	13.0	7.0	---	14.0	18.0	---	25.5	30.5	---	28.0
6	25.5	---	13.0	7.0	7.0	---	19.0	---	26.5	29.0	27.0	27.0
7	---	21.0	15.0	8.0	8.0	12.0	---	26.0	27.0	29.0	27.0	28.0
8	---	20.0	14.0	9.5	8.0	13.0	---	26.0	27.0	---	28.5	---
9	25.0	22.0	14.0	9.0	10.0	14.0	18.0	26.0	28.0	29.5	30.0	---
10	24.5	21.0	---	9.0	11.0	---	20.0	26.0	28.0	30.5	30.0	28.0
11	24.5	21.0	---	8.0	12.0	---	20.0	26.0	---	31.0	29.0	28.0
12	24.5	20.0	15.0	9.0	---	15.0	21.0	---	28.5	31.0	---	28.0
13	22.0	19.0	14.5	9.5	13.0	15.0	21.0	---	29.0	30.5	28.5	31.0
14	23.0	17.0	14.5	---	13.0	---	---	26.0	28.5	---	28.0	30.0
15	23.0	16.0	14.0	---	13.0	18.0	---	28.0	28.5	---	28.5	30.0
16	23.0	15.5	13.5	8.5	15.5	19.0	18.0	24.0	---	30.0	28.5	---
17	23.0	---	12.0	---	16.0	---	18.0	26.0	---	29.0	28.0	28.0
18	24.5	---	---	9.0	---	---	21.0	26.0	29.0	30.0	---	27.0
19	23.0	18.0	---	7.0	---	21.0	21.0	---	---	30.0	---	25.0
20	---	16.5	11.0	7.0	16.0	19.0	22.0	---	28.0	32.0	29.0	26.0
21	24.5	---	12.0	---	16.0	16.0	---	25.0	30.0	---	31.0	26.0
22	---	---	13.0	---	---	17.0	---	26.0	30.0	---	30.0	---
23	---	19.0	---	5.5	---	18.0	---	26.0	---	30.0	31.0	---
24	21.5	---	---	7.0	---	---	21.0	26.0	---	28.0	29.0	27.0
25	21.0	16.5	---	---	---	---	22.0	27.0	29.0	28.5	30.0	26.0
26	21.0	16.0	---	---	---	19.0	23.0	27.0	29.0	30.5	---	27.0
27	---	18.0	---	---	11.0	19.0	24.0	---	29.5	30.5	30.0	27.0
28	21.0	---	---	---	11.0	20.0	24.0	---	29.0	28.5	29.0	27.0
29	---	14.0	---	---	14.0	20.0	---	27.0	29.0	---	29.0	25.0
30	---	15.0	---	---	---	18.0	25.0	25.0	---	28.0	30.0	24.0
31	21.0	---	---	---	---	18.0	---	26.0	---	28.0	30.0	---
MAX	---	---	---	---	---	---	---	---	---	---	31.0	---
MIN	---	---	---	---	---	---	---	---	---	---	26.0	---

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301002089441300 RIGOLETS NEAR LAKE PONTCHARTRAIN, NEAR SLIDELL, LA (CE 85700)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1400	1300	2500	---	560	560	---	1300	2000	1600	6200	2400
2	1700	2400	2400	---	720	460	600	2000	1700	1700	7600	---
3	1400	3000	---	730	---	1500	1000	1900	---	1800	5800	---
4	1600	2500	---	450	---	---	700	1500	1500	---	2800	2400
5	1500	2600	2000	440	---	350	780	---	1600	2000	---	2900
6	1200	---	1900	390	700	---	1500	---	1900	2300	2900	3500
7	---	3100	1300	410	760	480	---	2300	2800	2000	2200	4700
8	---	4000	1300	560	520	800	---	2100	2600	---	1900	---
9	4900	3200	1100	360	540	820	1100	1600	2500	1900	1900	---
10	1800	590	---	980	1900	---	2200	1300	2400	1800	1900	4200
11	4700	900	---	590	1900	---	2200	1400	1500	2900	1700	2800
12	4400	3800	1200	620	---	600	940	---	3000	3000	---	2800
13	2200	6100	1200	660	1500	660	1000	---	2500	2700	1600	2500
14	1200	2800	1300	---	1000	---	---	1300	2200	---	1800	2800
15	1500	620	830	---	920	690	---	1200	2000	---	1800	3500
16	2300	5800	1100	580	1000	740	940	1500	---	2500	1600	---
17	2300	920	800	---	920	---	980	2200	---	2700	2400	5900
18	1700	---	---	1100	---	---	830	2300	1800	2400	---	6600
19	1600	3700	---	780	---	360	860	---	---	2800	---	6800
20	---	5700	---	740	940	560	840	---	2200	2600	3500	6900
21	---	---	---	---	940	700	---	2600	1800	---	2300	7800
22	---	---	1700	---	---	750	---	2400	1400	---	2500	---
23	---	6400	---	450	---	640	---	2300	---	2300	4000	---
24	2300	---	---	400	---	---	1100	2000	---	6600	3400	7000
25	1300	2500	---	700	---	---	2700	1400	1400	6600	3100	5600
26	1300	3000	---	740	---	630	1600	1700	1500	6400	---	5000
27	---	5000	---	600	1200	510	2500	---	1600	4100	2800	4300
28	2400	---	---	---	910	510	2600	---	1600	5100	3100	3900
29	---	1200	---	---	870	880	---	1600	1400	---	3400	3700
30	---	1800	---	590	---	570	2500	1700	---	5400	3200	3600
31	1200	---	---	670	---	600	---	1600	---	5700	3200	---
MAX	---	6400	---	---	---	---	---	---	---	---	7600	---
MIN	---	590	---	---	---	---	---	---	---	---	1600	---

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)

LOCATION.--Lat 30°11'08", long 89°50'36", T.10 S., R.14 E., Orleans Parish, Hydrologic Unit 08090202, at bridge on U.S. Highway 11, 5.5 mi southwest of Slidell.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1981 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

COOPERATION.--Daily chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 9, 15, 16, 17, 1980; minimum daily, 3.0°C Jan. 3, 1979.
CHLORIDE: Maximum daily, 8,500 mg/L Oct. 14, 1981; minimum daily, 140 mg/L June 20, July 8, 22, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C Sept. 13; minimum daily, 5.0°C Jan. 11.
CHLORIDE: Maximum daily, 7,700 mg/L Sept. 22; minimum daily, 340 mg/L Mar. 5.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 20...	0830	4290	7.5	23.5	5	4.0	<1	8.4	75	.9	--
JAN 04...	1430	2680	7.4	6.0	10	20	<1	12.3	22	1.3	K48
APR 19...	1115	2660	7.7	21.0	20	20	<1	9.1	43	1.5	K60
JUL 25...	1230	10000	7.4	30.0	5	4.0	<1	7.2	10	1.0	--

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 20...	88	420	36	81	700	28	57	190	1300	9	.02	<.1
JAN 04...	K3	290	28	53	420	18	65	120	740	32	.02	.2
APR 19...	K5	270	21	52	420	17	32	120	740	25	.01	<.1
JUL 25...	K6	1100	76	220	1800	68	39	500	3300	10	<.01	<.1

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT 20...	.2	.03	2	1	<10	<.5	1	<1	20	<1	4	1
JAN 04...	.7	.10	2	1	<10	<10	3	3	20	<1	4	3
APR 19...	.8	.05	1	1	<10	<10	2	2	10	<1	6	6
JUL 25...	.4	.03	<1	<1	<10	<10	1	1	10	<1	2	2

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 20...	5	6	3	<.1	<.1	3	1	<1	<1	290	9
JAN 04...	20	8	3	.1	.3	5	4	<1	<1	20	10
APR 19...	60	6	1	.2	.2	1	1	<1	<1	30	20
JUL 25...	30	2	1	.6	.6	3	2	<1	<1	30	10

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT 20...	5.3	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
JAN 04...	4.3	<.01	4	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
APR 19...	5.2	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
JUL 25...	3.9	<.01	<1	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT 20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 04...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 19...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 25...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT 20...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	4.1	.4
JAN 04...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	1.1	<.1
APR 19...	<.01	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01	6.4	<.1
JUL 25...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	<.1	<.1

< Actual value is known to be less than the value shown.

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301108089503600 LAKE PONTCHARTRAIN AT NORTH SHORE, NEAR SLIDELL, LA (CE 85683)--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.0	18.0	15.0	6.0	9.0	6.0	15.0	23.0	---	22.0	24.0	26.0
2	22.0	22.0	17.0	10.0	9.0	7.0	17.0	23.0	---	25.0	22.0	26.0
3	22.0	18.0	16.0	---	11.0	10.0	17.0	22.0	---	26.0	23.0	24.0
4	23.0	20.0	18.0	8.0	10.0	12.0	17.0	22.0	---	26.0	---	22.0
5	26.0	18.0	17.0	8.0	10.0	14.0	15.0	23.0	---	27.0	27.0	27.0
6	24.0	16.0	17.0	8.0	7.0	12.0	14.0	23.0	---	26.0	25.0	27.0
7	22.0	17.0	14.0	10.0	8.0	9.0	17.0	23.0	24.0	27.0	24.0	27.0
8	24.0	15.0	14.0	8.0	7.0	11.0	17.0	24.0	25.0	24.0	23.0	28.0
9	22.0	15.0	13.0	12.0	8.0	12.0	16.0	24.0	25.0	24.0	---	28.0
10	22.0	14.0	17.0	8.0	12.0	13.0	18.0	22.0	25.0	26.0	26.0	28.0
11	22.0	12.0	16.0	5.0	13.0	---	18.0	23.0	27.0	27.0	27.0	28.0
12	22.0	14.0	14.0	6.0	12.0	---	19.0	22.0	27.0	26.0	24.0	28.0
13	20.0	14.0	14.0	6.0	12.0	---	20.0	22.0	26.0	26.0	25.0	31.0
14	16.0	15.0	14.0	6.0	11.0	16.0	22.0	23.0	25.0	---	26.0	30.0
15	18.0	17.0	12.0	6.0	13.0	15.0	18.0	24.0	25.0	26.0	25.0	28.0
16	22.0	15.0	11.0	6.0	13.0	16.0	18.0	22.0	26.0	25.0	25.0	28.0
17	22.0	13.0	11.0	6.0	14.0	16.0	17.0	24.0	25.0	26.0	26.0	28.0
18	22.0	14.0	12.0	6.0	14.0	18.0	17.0	22.0	25.0	26.0	25.0	28.0
19	23.0	16.0	12.0	6.0	16.0	18.0	18.0	24.0	25.0	26.0	25.0	27.0
20	24.0	14.0	12.0	---	15.0	15.0	19.0	22.0	27.0	25.0	26.0	27.0
21	23.0	16.0	11.0	---	13.0	14.0	21.0	22.0	27.0	24.0	27.0	27.0
22	23.0	16.0	11.0	---	13.0	15.0	21.0	22.0	27.0	25.0	27.0	27.0
23	22.0	17.0	8.0	---	13.0	17.0	21.0	22.0	27.0	27.0	27.0	27.0
24	22.0	17.0	---	8.0	13.0	18.0	19.0	23.0	28.0	25.0	25.0	27.0
25	18.0	15.0	---	10.0	13.0	17.0	20.0	24.0	25.0	25.0	25.0	26.0
26	19.0	14.0	---	10.0	14.0	17.0	22.0	25.0	27.0	25.0	25.0	26.0
27	19.0	16.0	---	10.0	13.0	18.0	23.0	25.0	27.0	26.0	26.0	27.0
28	17.0	15.0	---	8.0	6.0	18.0	23.0	26.0	25.0	27.0	26.0	25.0
29	18.0	13.0	---	14.0	---	15.0	24.0	24.0	24.0	25.0	27.0	25.0
30	20.0	13.0	---	11.0	---	13.0	24.0	20.0	24.0	23.0	25.0	25.0
31	18.0	---	---	10.0	---	13.0	---	19.0	---	24.0	25.0	---
MAX	26.0	22.0	---	14.0	16.0	18.0	24.0	26.0	28.0	27.0	27.0	31.0
MIN	16.0	12.0	---	5.0	6.0	6.0	14.0	19.0	24.0	22.0	22.0	22.0

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	940	1500	1500	590	600	560	710	2000	---	1300	3400	2000
2	850	1700	1600	780	610	600	580	1800	---	1400	4500	1800
3	860	1400	1700	870	680	680	420	1600	---	1300	3900	1700
4	990	1100	1600	900	660	520	480	1300	---	1400	4100	1600
5	980	1200	1500	880	680	340	620	1600	---	1400	2500	1700
6	820	1200	1500	910	560	360	600	1400	---	1400	3300	1900
7	880	1100	1300	920	540	400	600	1400	1700	1400	2100	2800
8	920	2200	1400	940	600	400	650	1600	1800	1300	1700	3900
9	900	2000	1400	880	640	360	540	1300	2000	1500	1600	3900
10	990	980	1400	870	590	820	580	1500	2200	1400	1500	2800
11	1500	1100	2000	620	560	---	740	1400	2400	1500	1600	2300
12	2600	620	660	740	500	---	1100	1400	2000	1600	1400	2200
13	980	520	580	640	660	---	1200	1400	2000	1500	1400	2800
14	1200	580	1200	560	580	510	840	1400	1900	1500	1500	2500
15	1400	590	1200	660	560	500	960	1400	2000	1500	1400	2700
16	1300	900	1200	600	540	560	700	1500	1900	1500	1500	2600
17	1300	610	1100	640	670	560	740	1300	1900	1600	1400	3000
18	1100	690	990	650	720	540	660	1200	2000	1500	1500	5200
19	1200	1300	1100	710	740	600	840	1500	2000	1400	1400	5600
20	1400	2200	---	---	620	650	860	1700	1800	1400	1500	6200
21	1200	1900	---	---	780	510	690	1700	1700	1500	1500	6900
22	1400	3200	---	---	660	490	760	1700	1600	1300	1500	7700
23	1000	3600	---	---	450	520	760	2100	1700	1500	1600	5700
24	1400	3200	560	690	540	510	780	1500	1700	2100	1500	5100
25	1400	1900	500	550	520	510	800	1600	1600	1900	1700	4700
26	1200	2000	960	560	780	540	750	1400	1700	2000	1800	4700
27	1200	2300	520	660	400	520	920	1500	1700	2000	1600	4600
28	1200	1900	510	520	440	590	1300	1600	1600	2000	1600	4300
29	1000	1500	550	540	---	600	1700	1400	1500	2200	1800	3800
30	1100	1500	510	570	---	570	1900	1600	1500	2600	1700	4000
31	1100	---	540	550	---	640	---	1700	---	2900	1700	---
MAX	2600	3600	2000	940	780	820	1900	2100	2400	2900	4500	7700
MIN	820	520	500	520	400	340	420	1200	1500	1300	1400	1600

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07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA

LOCATION.--Lat 30°36'57", long 90°14'55", on line between SE1/4NE1/4 and SW1/4NE1/4 sec. 13, T.5 S., R. 9 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08090201, near center of span on downstream side of bridge on State Highway 40, 1.2 mi upstream from Bull Branch, and 3.6 mi southwest of Folsom.

DRAINAGE AREA.--95.5 mi^2, not including Bull Branch which has a drainage area of 7.5 mi^2 at State Highway 40. Total drainage area for extreme floods is 103 mi^2.

PERIOD OF RECORD.--October 1943 to current year. Prior to January 1944 monthly discharge only, published in WSP 1311. Prior to October 1954, published as Chefuncte River near Folsom.

REVISED RECORDS.--WSP 1057: 1944(M), 1945. WRD LA-83-2: 1948(M), 1953(M), 1961(M), 1962(M), 1973(M), 1977(M).

GAGE.--Water-stage recorder. Datum of gage is 62.11 ft National Geodetic Vertical Datum of 1929. Prior to June 9, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--41 years, 161 ft^3/s, 22.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,800 ft^3/s Apr. 5, 1983, gage height, 24.12 ft from rating curve extended above 13,000 ft^3/s by slope conveyance measurement at gage height 24.12 ft; minimum discharge, 26 ft^3/s Sept. 4, 15, 1968; minimum gage height, 4.80 ft Oct. 5, 6, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 29	0130	*2740	*17.09	Feb. 28	0030	1710	15.43

Minimum discharge, 46 ft^3/s Sept. 29, 30, gage height, 5.11 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	50	75	210	102	275	85	71	67	58	51	58
2	56	51	72	173	98	199	85	71	65	57	51	56
3	55	52	81	151	115	168	87	70	63	57	111	54
4	54	52	195	136	190	150	104	70	63	55	266	66
5	54	53	174	124	153	154	96	69	62	54	146	73
6	53	54	238	115	117	182	86	68	62	53	79	63
7	53	53	553	108	103	161	81	67	60	67	68	56
8	52	52	424	102	95	131	181	68	59	66	124	55
9	51	51	159	99	93	118	809	67	58	61	219	56
10	50	51	125	150	444	110	705	70	57	58	105	54
11	50	50	806	181	563	105	283	65	57	55	73	53
12	68	49	1140	132	382	103	154	63	60	54	79	53
13	98	50	718	114	507	108	126	63	59	55	106	52
14	78	51	331	114	551	110	111	62	59	59	138	54
15	63	53	258	125	290	104	100	62	61	99	119	52
16	59	61	175	160	207	99	92	61	92	75	131	52
17	58	57	141	158	307	96	88	60	117	112	80	50
18	57	53	131	185	302	94	85	59	82	102	71	50
19	56	53	116	328	189	100	83	58	73	73	74	49
20	56	86	104	334	184	302	82	68	66	61	65	49
21	55	210	97	201	195	413	80	77	63	56	61	49
22	55	121	93	162	176	184	79	98	60	53	59	51
23	54	82	91	138	146	133	77	256	58	51	64	51
24	54	178	86	164	127	116	75	290	58	53	80	52
25	54	222	81	254	115	113	74	103	60	54	63	50
26	52	113	78	267	145	112	73	81	59	52	58	49
27	52	84	170	198	1280	102	73	91	58	52	56	49
28	51	105	1530	158	1210	100	74	156	57	50	67	48
29	50	92	1920	137	578	96	74	117	59	51	61	47
30	51	78	740	122	---	90	72	81	60	70	68	47
31	50	---	324	111	---	87	---	71	---	56	63	---
TOTAL	1756	2367	11226	5111	8964	4415	4274	2733	1934	1929	2856	1598
MEAN	56.6	78.9	362	165	309	142	142	88.2	64.5	62.2	92.1	53.3
MAX	98	222	1920	334	1280	413	809	290	117	112	266	73
MIN	50	49	72	99	93	87	72	58	57	50	51	47
CFSM	.59	.83	3.79	1.73	3.24	1.49	1.49	.92	.68	.65	.96	.56
IN.	.68	.92	4.37	1.99	3.49	1.72	1.66	1.06	.75	.75	1.11	.62

CAL YR 1983	TOTAL	110167	MEAN	302	MAX	13300	MIN	49	CFSM	3.16	IN. 42.91
WTR YR 1984	TOTAL	49163	MEAN	134	MAX	1920	MIN	47	CFSM	1.40	IN. 19.51

07375000 TCHEFUNCTA RIVER NEAR FOLSOM, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.56	5.44	5.87	7.66	6.25	8.22	5.85	5.58	5.50	5.34	5.20	5.34
2	5.53	5.45	5.82	7.25	6.18	7.44	5.84	5.57	5.47	5.31	5.20	5.29
3	5.53	5.46	5.97	6.98	6.43	7.09	5.89	5.56	5.43	5.32	6.16	5.27
4	5.51	5.47	7.52	6.77	7.39	6.85	6.15	5.56	5.42	5.28	8.09	5.49
5	5.49	5.49	7.28	6.61	6.93	6.90	6.04	5.53	5.40	5.25	6.69	5.61
6	---	5.52	7.92	6.49	6.46	7.24	5.86	5.51	5.40	5.24	5.72	5.43
7	---	5.50	10.47	6.39	6.24	6.98	5.77	5.50	5.37	5.50	5.51	5.30
8	---	5.47	9.47	6.28	6.13	6.58	6.94	5.52	5.36	5.47	6.36	5.29
9	---	5.47	7.11	6.24	6.09	6.41	12.09	5.51	5.34	5.39	7.60	5.30
10	---	5.45	6.66	6.95	9.43	6.29	11.50	5.56	5.33	5.33	6.14	5.27
11	---	5.44	11.99	7.33	10.55	6.21	8.20	5.46	5.32	5.28	5.61	5.25
12	---	5.43	13.74	6.71	9.18	6.18	6.83	5.42	5.37	5.27	5.71	5.24
13	6.30	5.45	11.52	6.47	10.13	6.25	6.46	5.43	5.35	5.27	6.16	5.23
14	5.95	5.46	8.79	6.46	10.45	6.29	6.25	5.41	5.36	5.36	6.62	5.26
15	5.67	5.50	8.14	6.61	8.37	6.19	6.08	5.40	5.38	6.06	6.35	5.23
16	5.60	5.65	7.29	7.07	7.57	6.12	5.96	5.38	5.93	5.65	6.52	5.22
17	5.57	5.58	6.88	7.04	8.52	6.07	5.90	5.36	6.33	6.25	5.73	5.19
18	5.55	5.49	6.74	7.36	8.48	6.02	5.83	5.36	5.78	6.11	5.58	5.18
19	5.54	5.50	6.53	8.74	7.36	6.12	5.79	5.34	5.61	5.61	5.62	5.16
20	5.53	6.07	6.35	8.79	7.29	8.41	5.78	5.52	5.48	5.39	5.46	5.16
21	5.51	7.69	6.24	7.53	7.42	9.39	5.74	5.69	5.43	5.30	5.40	5.16
22	5.52	6.61	6.18	7.06	7.19	7.22	5.72	6.03	5.38	5.24	5.36	5.20
23	5.52	6.03	6.14	6.77	6.82	6.58	5.69	7.95	5.33	5.21	5.45	5.21
24	5.51	7.34	6.05	7.10	6.56	6.35	5.64	8.26	5.34	5.24	5.75	5.22
25	5.50	7.80	5.96	8.06	6.39	6.31	5.63	6.12	5.36	5.26	5.44	5.19
26	5.48	6.51	5.91	8.19	6.68	6.29	5.61	5.77	5.36	5.23	5.33	5.17
27	5.47	6.06	6.95	7.49	13.85	6.14	5.61	5.90	5.34	5.22	5.31	5.16
28	5.46	6.39	14.45	7.03	13.91	6.11	5.63	6.86	5.31	5.19	5.50	5.14
29	5.44	6.19	15.61	6.75	10.61	6.03	5.62	6.33	5.36	5.20	5.40	5.13
30	5.45	5.95	11.65	6.54	---	5.94	5.59	5.76	5.37	5.55	5.52	5.12
31	5.44	---	8.70	6.38	---	5.89	---	5.57	---	5.31	5.43	---
MAX	6.30	7.80	15.61	8.79	13.91	9.39	12.09	8.26	6.33	6.25	8.09	5.61
MIN	5.44	5.43	5.82	6.24	6.09	5.89	5.59	5.34	5.31	5.19	5.20	5.12

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°29'40", long 90°10'10", in SW1/4 sec.26, T.6 S., R.10 E., St. Helena Meridian, St. Tammany Parish, Hydrologic Unit 08090201, at bridge on U.S. Highway 190, and 4.0 mi west of Covington.

DRAINAGE AREA.--145 mi^2.

PERIOD OF RECORD.--Water years 1959, 1966-68, 1974, 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1978 to September 1982.
WATER TEMPERATURES: April 1978 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 66 micromhos Feb. 24, 1979; minimum daily, 20 micromhos, Apr. 14, May 17, 18, 22, 1980.
WATER TEMPERATURES: Maximum daily, 34.0°C July 25, 1980; minimum daily, 4.0°C Jan. 11, 12, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
19...	1230	74	39	5.8	21.0	15	3.6	8.3	.6	220	300
JAN											
04...	1050	--	41	5.3	8.0	15	13	10.9	1.3	K34	170
APR											
19...	1100	--	38	6.9	19.0	20	4.6	8.4	.3	120	K76
JUL											
30...	1045	58	35	6.9	25.0	15	4.5	7.5	.0	84	160

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT									
19...	7	1.6	.80	4.2	1.3	9	3.4	4.8	<.1
JAN									
04...	8	1.5	.93	3.7	1.7	8	3.0	5.3	<.1
APR									
19...	10	1.8	1.0	4.0	1.4	11	1.5	4.4	<.1
JUL									
30...	8	1.8	.72	3.5	1.3	10	1.4	4.1	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT									
19...	12	42	33	.13	<.01	.5	.07	.03	<.01
JAN									
04...	9.5	36	31	.30	.05	.5	.06	.03	.02
APR									
19...	12	35	34	.29	.02	.9	.06	.03	.02
JUL									
30...	12	32	31	.17	.01	.4	--	--	.03

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07375050 TCHEFUNCTA RIVER NEAR COVINGTON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 19...	30	1	29	<.5	1	<1	<3	1	220	1
JAN 04...	50	1	34	<.5	<1	<1	<3	1	160	2
APR 19...	<10	<1	37	<1	<1	2	<3	1	290	2
JUL 30...	40	<1	27	<1	<1	<1	<3	1	270	3

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 19...	9	31	<.1	<10	1	<1	<1	18	<6	7
JAN 04...	<4	91	<.1	<10	<1	<1	<1	15	<6	5
APR 19...	<4	84	<.1	<10	1	<1	1	25	<6	4
JUL 30...	5	38	.1	<10	<1	<1	<1	18	<6	7

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 19...	14	2.8	50
JAN 04...	20	--	60
APR 19...	7	--	86
JUL 30...	7	1.1	100

< Actual value is known to be less than the value shown.

07375500 TANGIPAHOA RIVER AT ROBERT, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°30'23", long 90°21'42", on line between lots 39 and 40, T. 6 S., R. 8 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070205, near left bank on downstream side of bridge on U.S. Highway 190, 1.2 mi west of Robert, 2.8 mi downstream from Chappepeela Creek, and 6.0 mi east of Hammond.

WATER-DISCHARGE RECORDS

DRAINAGE AREA.--646 mi^2.

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6.87 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--46 years, 1,151 ft^3/s, 24.20 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85,000 ft^3/s Apr. 7, 1983, gage height, 25.87 ft, from floodmark, from rating curve extended above 62,700 ft^3/s; minimum discharge, 245 ft^3/s Oct. 30 to Nov. 3, 1968; minimum gage height, 2.95 ft Oct. 25, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1921 reached a stage of 27.1 ft, from floodmark.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 8,000 ft^3/s and maximum(*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 29	1100	*11800	*17.00	Feb. 28	0530	8750	16.03

Minimum discharge, 428 ft^3/s Sept. 30, gage height, 5.48 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	566	470	569	1750	796	2290	710	609	530	600	529	1070
2	558	474	560	1440	760	1650	680	608	520	570	525	760
3	552	472	634	1280	804	1420	701	600	530	540	814	671
4	546	472	1030	1170	990	1290	1340	590	520	530	1070	754
5	544	477	1030	1080	1110	1280	1140	580	530	530	961	1540
6	536	500	1430	1010	890	1310	929	570	530	600	661	1030
7	530	482	1630	943	782	1680	840	560	520	1000	717	693
8	524	471	1250	869	731	1310	1300	550	530	940	1760	601
9	520	467	917	825	705	1150	4310	570	520	680	1610	550
10	516	463	819	994	1350	1070	5140	610	530	580	1020	530
11	518	455	4920	1160	2670	1010	2540	570	540	530	751	518
12	574	454	7230	1050	2250	988	1460	540	550	500	726	516
13	616	454	3960	925	3130	915	1190	530	540	536	968	510
14	546	455	1930	885	4250	1120	988	520	600	579	1070	498
15	528	466	1530	896	2920	1330	839	510	1000	695	974	488
16	519	474	1240	1060	2030	1070	772	510	960	707	1030	480
17	513	469	1070	1200	2510	902	723	500	680	670	802	474
18	509	460	960	1340	2430	792	691	510	692	841	728	467
19	505	463	869	1980	1750	805	670	520	636	637	665	459
20	503	640	795	2130	1520	1500	652	720	590	571	623	455
21	498	785	749	1560	1470	1980	655	680	560	544	629	467
22	498	624	734	1290	1340	1310	727	630	570	529	659	463
23	497	576	728	1150	1210	1060	676	813	540	518	622	468
24	496	792	703	1130	1110	900	628	769	530	511	620	457
25	492	961	701	1500	1030	800	623	637	628	528	604	448
26	486	652	685	1650	1040	999	619	614	782	574	584	444
27	481	584	803	1320	5890	934	616	600	623	557	580	439
28	479	590	4910	1120	8240	873	614	570	656	540	603	437
29	476	641	10700	992	5020	824	613	560	687	563	855	433
30	474	598	7540	910	---	780	611	540	640	605	1390	431
31	471	---	3010	841	---	740	---	530	---	557	1810	---
TOTAL	16071	16341	65636	37450	60728	36082	33997	18220	18264	18862	26960	17551
MEAN	518	545	2117	1208	2094	1164	1133	588	609	608	870	585
MAX	616	961	10700	2130	8240	2290	5140	813	1000	1000	1810	1540
MIN	471	454	560	825	705	740	611	500	520	500	525	431
CFSM	.80	.84	3.28	1.87	3.24	1.80	1.75	.91	.94	.94	1.35	.91
IN.	.93	.94	3.78	2.16	3.50	2.08	1.96	1.05	1.05	1.09	1.55	1.01

CAL YR 1983	TOTAL	793738	MEAN	2175	MAX	78500	MIN	454	CFSM 3.37	IN.	45.71
WTR YR 1984	TOTAL	366162	MEAN	1000	MAX	10700	MIN	431	CFSM 1.55	IN.	21.09

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07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.05	5.85	6.23	9.41	6.89	10.60	---	6.22	---	---	5.64	7.46
2	6.03	5.88	6.16	8.66	6.78	9.17	---	6.22	---	---	5.63	6.45
3	6.01	5.88	6.43	8.24	6.91	8.60	6.58	---	---	---	6.63	6.13
4	5.99	5.88	7.69	7.93	7.44	8.26	8.37	---	---	---	7.45	6.39
5	5.99	5.91	7.67	7.70	7.76	8.22	7.84	---	---	---	7.13	8.86
6	5.97	6.04	8.72	7.50	7.17	8.31	7.28	---	---	---	6.20	7.56
7	5.95	5.96	9.21	7.31	6.85	9.25	7.03	---	---	---	6.40	6.56
8	5.93	5.90	8.22	7.11	6.68	8.[illegible]2	8.18	---	---	---	9.42	6.21
9	5.92	5.89	7.29	6.98	6.59	7.89	13.35	---	---	---	9.06	5.98
10	5.91	5.88	6.99	7.45	8.33	7.66	14.12	---	---	---	7.27	5.89
11	5.93	5.85	13.08	7.91	11.38	7.51	11.01	---	---	---	6.51	5.83
12	6.21	5.84	15.40	7.59	10.53	7.44	8.71	---	---	---	6.40	5.82
13	6.40	5.85	12.93	7.26	12.07	7.24	7.98	---	---	5.89	7.13	5.80
14	6.12	5.87	9.83	7.15	13.41	7.78	7.44	---	---	5.97	7.45	5.75
15	6.02	5.94	8.88	7.18	11.71	8.35	7.02	---	---	6.40	7.15	5.71
16	5.97	5.98	8.11	7.63	10.07	7.66	6.82	---	---	6.46	7.32	5.68
17	5.95	5.96	7.65	8.01	11.05	7.20	6.66	---	---	6.31	6.68	5.66
18	5.94	5.90	7.36	8.38	10.89	6.88	6.54	---	6.48	6.87	6.40	5.63
19	5.93	5.90	7.11	9.96	9.41	6.91	6.46	---	6.26	6.19	6.17	5.60
20	5.92	6.70	6.89	10.29	8.84	8.79	6.40	---	---	5.90	6.00	5.59
21	5.91	7.20	6.74	8.96	8.72	9.95	6.41	---	---	5.77	6.03	5.66
22	5.92	6.61	6.69	8.25	8.40	8.30	6.67	6.31	---	5.68	6.13	5.65
23	5.93	6.39	6.68	7.88	8.05	7.64	6.49	6.94	---	5.63	5.99	5.67
24	5.92	7.15	6.59	7.84	7.76	7.19	6.30	6.79	---	5.59	5.97	5.64
25	5.91	7.64	6.58	8.79	7.54	6.90	6.28	6.33	6.21	5.67	5.90	5.59
26	5.89	6.65	6.52	9.17	7.56	7.47	6.26	6.23	6.74	5.90	5.82	5.56
27	5.87	6.38	6.86	8.34	14.46	7.29	6.25	---	6.19	5.80	5.79	5.54
28	5.86	6.38	13.53	7.79	15.84	7.12	6.25	---	6.31	5.72	5.89	5.53
29	5.86	6.57	16.68	7.45	13.91	6.98	6.24	---	6.42	5.83	6.67	5.51
30	5.86	6.38	15.47	7.22	---	---	6.23	---	---	6.01	8.42	5.50
31	5.85	---	11.73	7.03	---	---	---	---	---	5.79	9.54	---
MAX	6.40	7.64	16.68	10.29	15.84	10.60	14.12	---	---	---	9.54	8.86
MIN	5.85	5.84	6.16	6.98	6.59	6.88	6.23	---	---	---	5.63	5.50

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1954-56, 1966-76, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1979 to September 1982.
WATER TEMPERATURES: November 1979 to September 1982.

INSTRUMENTATION.--Water-quality monitor November 1979 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 87 micromhos Dec. 6, 1981; minimum, 27 micromhos Apr. 2, 3, 1982.
WATER TEMPERATURES: Maximum 33.0° C July 22, 24, 1981; minimum, 4.0°C Jan. 15, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 12...	1000	574	48	6.4	23.0	5	15	8.1	1.0	K2400	4400
JAN 04...	0945	1170	53	5.7	9.0	15	14	10.7	1.3	64	740
APR 19...	1215	670	47	7.1	21.5	15	7.8	8.4	.8	110	K60
JUL 25...	1400	528	57	7.2	27.5	5	10	8.9	2.6	280	420

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
OCT 12...	10	2.3	.92	5.0	1.1	11	2.1	6.7	<.1
JAN 04...	11	2.5	1.1	4.5	2.1	10	5.1	6.3	<.1
APR 19...	7	2.0	.84	4.1	1.2	12	2.1	4.6	<.1
JUL 25...	10	2.3	.96	5.2	1.5	13	2.2	6.5	<.1

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)
OCT 12...	11	37	36	.21	.19	.4	.07	.05	.03
JAN 04...	11	43	39	.33	.13	.7	.09	.04	.04
APR 19...	11	40	33	.34	.02	.8	.06	<.01	<.01
JUL 25...	12	46	38	<.10	.02	.9	.10	.05	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07375500 TANGIPAHOA RIVER AT ROBERT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
12...	20	1	29	<.5	<1	<1	<3	2	150	1
JAN										
04...	30	1	41	<.5	<1	<1	<3	1	190	3
APR										
19...	<10	<1	29	<1	<1	1	<3	1	310	1
JUL										
25...	20	<1	22	1	<1	<1	<3	3	260	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
12...	<4	82	<.1	<10	1	<1	2	25	<6	4
JAN										
04...	<4	150	<.1	<10	<1	<1	<1	24	<6	7
APR										
19...	<4	39	<.1	<10	1	<1	<1	17	<6	4
JUL										
25...	<4	39	.4	<10	2	<1	<1	27	<6	7

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
12...	24	37	58
JAN			
04...	46	145	72
APR			
19...	22	40	88
JUL			
25...	33	47	93

< Actual value is known to be less than the value shown.

07375800 TICKFAW RIVER AT LIVERPOOL, LA

LOCATION.--Lat 30°55'50", long 90°40'24", on line between lots 46 and 47, T. 1 S., R. 5 E., St. Helena meridian, St. Helena Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on State Highway 38, 0.2 mi east of intersection of State Highways 38 and 441, 0.5 mi upstream from Cotton Patch Branch, and 1.0 mi north of Liverpool.

DRAINAGE AREA.--89.7 mi^2.

PERIOD OF RECORD.--March 1956 to September 1968, October 1979 to September 1981 (published as "near Liverpool"). October 1968 to September 1979 (annual maximums only), October 1981 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 204.44 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Oct. 1, 1982 altitude of gage, 206 ft, from topographic map. Mar. 9, 1956, to Sept. 30, 1968, at site 0.2 mi west at same datum. Oct. 1, 1963, to Aug. 9, 1979, nonrecording gage and crest-stage indicator at same site 0.2 mi west at same datum.

AVERAGE DISCHARGE.--14 years (1957-68, 1980-81), 116 ft^3/s, 17.56 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,000 ft^3/s Apr. 6, 1983, maximum gage height, 13.30 ft; minimum discharge, 29 ft^3/s Sept. 26-30, 1968; minimum gage height, 1.76 ft Oct. 9, 11, 12, 13, 14, 15, 16, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 904 ft^3/s Feb. 28, gage height, 7.73 ft; minimum not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.60	2.61	2.62	2.97	2.64	3.42	2.61	2.55	2.56	2.56	---	2.65
2	2.60	2.61	2.61	2.83	2.63	3.13	2.59	2.55	2.56	2.56	---	2.63
3	2.60	2.62	2.65	2.77	2.75	2.99	4.05	2.55	2.56	2.55	---	2.75
4	2.60	2.62	3.12	2.72	3.23	2.89	4.17	2.55	2.56	2.55	---	4.46
5	2.60	2.71	2.97	2.69	3.03	3.18	3.17	2.54	2.56	2.59	---	3.16
6	2.59	2.68	2.78	2.66	2.81	4.60	2.88	2.54	2.56	2.55	---	2.81
7	2.59	2.64	2.71	2.64	2.71	3.71	2.76	2.54	2.56	2.53	3.85	2.68
8	2.60	2.65	2.65	2.62	2.66	3.19	3.18	2.58	2.56	2.52	3.70	2.65
9	2.60	2.64	2.63	2.64	2.65	2.99	4.33	2.63	2.55	2.52	3.39	2.64
10	2.60	2.63	2.61	2.88	2.95	2.87	3.33	2.63	2.55	---	2.84	2.63
11	2.60	2.64	4.00	2.94	3.54	2.79	2.96	2.61	2.56	---	2.69	2.61
12	2.64	2.63	4.79	2.81	3.97	2.77	2.79	2.58	2.55	---	2.65	2.61
13	2.64	2.64	3.05	2.73	6.77	3.39	2.70	2.55	2.55	---	2.68	2.61
14	2.62	2.65	2.89	2.72	6.77	4.92	2.66	2.54	2.59	---	3.10	2.60
15	2.62	2.72	2.78	2.88	4.07	3.57	2.62	2.52	2.63	---	2.87	2.59
16	2.64	2.70	2.70	3.18	4.57	3.13	2.60	2.52	2.66	---	2.69	2.58
17	2.63	2.63	2.67	3.15	5.83	2.96	2.59	2.51	2.66	---	2.63	2.56
18	2.62	2.63	2.64	3.47	4.07	2.84	2.57	2.51	2.66	---	2.63	2.56
19	2.62	2.70	2.61	4.63	3.40	3.00	2.56	2.51	2.66	---	2.62	2.56
20	2.62	2.81	2.60	3.88	3.20	3.85	2.55	2.53	2.60	---	2.61	2.56
21	2.62	2.74	2.60	3.22	3.03	3.49	2.54	2.56	2.56	---	2.61	2.56
22	2.64	2.66	2.61	3.00	2.94	3.05	2.53	2.65	2.54	---	2.62	2.58
23	2.64	3.00	2.59	2.89	2.87	2.87	2.52	2.69	2.53	---	4.10	2.61
24	2.62	3.24	2.57	2.99	2.77	2.74	2.52	2.68	2.52	---	3.14	2.58
25	2.62	2.74	2.59	3.34	2.72	3.11	2.54	2.64	2.53	---	2.75	2.57
26	2.61	2.63	2.59	3.19	3.02	3.12	2.55	2.62	2.55	---	2.65	2.56
27	2.61	2.67	2.77	2.96	6.39	2.86	2.56	2.60	2.60	---	2.68	2.55
28	2.60	2.80	5.83	2.85	7.27	2.76	2.57	2.60	2.63	---	2.72	2.55
29	2.61	2.72	6.56	2.77	4.49	2.71	2.57	2.59	2.63	---	2.97	2.55
30	2.61	2.64	3.68	2.71	---	2.67	2.56	2.57	2.58	---	2.92	2.52
31	2.61	---	3.13	2.65	---	2.63	---	2.56	---	---	2.68	---
MAX	2.64	3.24	6.56	4.63	7.27	4.92	4.33	2.69	2.66	---	---	4.46
MIN	2.59	2.61	2.57	2.62	2.63	2.63	2.52	2.51	2.52	---	---	2.52

07376000 TICKFAW RIVER AT HOLDEN, LA

LOCATION.--Lat 30°30'13", long 90°40'38", in SE1/4NE1/4 sec. 26, T.6 S., R.5 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070203, near left bank on downstream side of bridge on U.S. Highway 190, 0.5 mi west of Holden, and 5.1 mi upstream from Big Branch.

DRAINAGE AREA.--247 mi^2.

PERIOD OF RECORD.--October 1940 to current year.

REVISED RECORDS.--WSP 1711: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 19.15 ft National Geodetic Vertical Datum of 1929. Prior to Sept. 13, 1944, nonrecording gage, Sept. 14, 1944, to June 14, 1948, water-stage recorder, June 15, 1949, to Dec. 9, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--44 years, 372 ft^3/s 20.45 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,470 ft^3/s Apr. 7, 1983, gage height, 21.04 ft; from floodmark, from rating curve extended above 18 700 ft^3/s; minimum discharge, 65 ft^3/s Oct. 1, 2, 3, 4, 1969; minimum gage height, 0.93 ft Sept. 26, 27, Oct. 21, 22, 23, 24, 28, 29, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 2,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 11	1530	2080	9.00	Feb. 15	0600	2050	8.94
Dec. 30	1730	*2500	*10.03	Feb. 29	1130	2090	9.03

Minimum discharge, 99 ft^3/s June 11, 12, July 25, Aug. 2; minimum gage height, 1.01 ft Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	127	112	150	814	232	1480	172	134	104	136	113	210
2	124	112	141	430	216	925	168	131	104	131	109	139
3	124	112	138	347	232	466	174	129	104	120	124	123
4	123	113	138	302	302	380	232	128	104	117	124	119
5	122	114	141	271	328	334	353	129	104	113	178	214
6	121	112	232	248	313	312	327	127	103	112	223	366
7	120	116	348	231	265	339	238	125	103	112	174	218
8	118	118	273	217	230	446	312	121	102	152	440	163
9	117	114	199	213	212	351	1020	120	101	262	366	139
10	117	111	171	289	396	290	1040	125	100	219	264	128
11	116	110	1570	326	1200	258	562	131	100	142	226	122
12	134	110	1830	338	1710	241	352	126	108	125	198	118
13	166	111	1940	290	1550	232	273	119	108	119	253	115
14	131	112	1190	262	1830	228	231	117	104	113	284	115
15	125	117	525	266	1930	284	207	114	108	211	199	113
16	121	117	379	302	1360	414	189	112	396	260	192	111
17	119	117	307	373	1040	299	178	111	554	242	168	109
18	119	116	266	441	954	249	171	110	407	242	142	108
19	119	115	239	632	827	251	167	108	268	176	129	107
20	117	136	219	790	581	295	161	111	202	155	125	106
21	116	146	207	650	492	344	156	114	169	131	140	107
22	120	150	193	461	430	359	151	154	144	119	139	107
23	118	149	185	356	370	296	148	130	132	113	126	105
24	118	159	179	332	323	248	145	160	131	109	122	107
25	117	203	173	403	287	222	141	138	129	109	223	108
26	115	212	168	570	323	209	140	123	132	112	196	106
27	113	175	205	496	1190	220	139	121	136	111	146	104
28	113	161	1030	387	1820	226	137	112	220	115	129	104
29	112	149	1850	322	2020	199	136	109	169	119	138	102
30	112	150	2380	281	---	185	136	108	148	114	139	101
31	112	---	1760	253	---	177	---	106	---	117	233	---
TOTAL	3746	3949	18726	11893	22963	10759	7956	3803	4894	4528	5762	3994
MEAN	121	132	604	384	792	347	265	123	163	146	186	133
MAX	166	212	2380	814	2020	1480	1040	160	554	262	440	366
MIN	112	110	138	213	212	177	136	106	100	109	109	101
CFSM	.49	.53	2.45	1.55	3.21	1.40	1.07	.50	.66	.59	.75	.54
IN.	.56	.59	2.82	1.79	3.46	1.62	1.20	.57	.74	.68	.87	.60

CAL YR 1983 TOTAL 241642 MEAN 662 MAX 19200 MIN 110 CFSM 2.68 IN. 36.39
WTR YR 1984 TOTAL 102973 MEAN 281 MAX 2380 MIN 100 CFSM 1.14 IN. 15.51

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07376000 TICKFAW RIVER AT HOLDEN, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.40	1.26	1.61	5.18	2.25	7.38	1.79	1.46	1.17	1.37	1.17	1.97
2	1.38	1.26	1.53	3.48	2.13	5.59	1.76	1.44	1.17	1.33	1.12	1.40
3	1.37	1.26	1.50	3.00	2.25	3.69	1.81	1.42	1.16	1.23	1.25	1.26
4	1.37	1.27	1.50	2.71	2.72	3.19	2.24	1.41	1.16	1.20	1.26	1.22
5	1.36	1.29	1.53	2.52	2.88	2.92	3.03	1.42	1.16	1.17	1.72	1.94
6	1.35	1.27	2.24	2.37	2.79	2.78	2.87	1.40	1.15	1.16	2.09	3.04
7	1.34	1.31	3.01	2.25	2.48	2.95	2.30	1.38	1.15	1.15	1.69	2.04
8	1.32	1.33	2.53	2.15	2.24	3.57	2.74	1.35	1.14	1.53	3.49	1.61
9	1.31	1.29	2.01	2.11	2.11	3.02	5.93	1.34	1.13	2.36	3.05	1.40
10	1.31	1.26	1.79	2.63	3.22	2.64	6.03	1.38	1.12	2.05	2.39	1.30
11	1.31	1.25	7.34	2.87	6.55	2.43	4.19	1.44	1.11	1.43	2.11	1.25
12	1.47	1.24	8.37	2.94	8.04	2.32	3.03	1.39	1.20	1.27	1.89	1.21
13	1.74	1.26	8.66	2.64	7.60	2.25	2.53	1.33	1.22	1.22	2.30	1.18
14	1.44	1.27	6.44	2.46	8.35	2.23	2.25	1.31	1.17	1.17	2.51	1.18
15	1.38	1.31	3.99	2.49	8.62	2.58	2.07	1.29	1.19	1.93	1.91	1.16
16	1.34	1.32	3.19	2.72	7.04	3.39	1.94	1.27	3.21	2.37	1.85	1.14
17	1.33	1.31	2.75	3.15	6.05	2.70	1.85	1.25	4.11	2.22	1.65	1.12
18	1.33	1.30	2.49	3.54	5.76	2.38	1.79	1.24	3.30	2.22	1.42	1.10
19	1.33	1.30	2.31	4.50	5.31	2.38	1.75	1.22	2.41	1.71	1.31	1.09
20	1.32	1.48	2.16	5.16	4.27	2.67	1.70	1.25	1.93	1.54	1.27	1.08
21	1.31	1.57	2.07	4.58	3.83	2.98	1.66	1.29	1.66	1.33	1.41	1.09
22	1.34	1.61	1.97	3.66	3.48	3.07	1.62	1.64	1.45	1.22	1.40	1.09
23	1.32	1.60	1.91	3.05	3.14	2.68	1.59	1.43	1.34	1.17	1.28	1.07
24	1.32	1.68	1.86	2.90	2.85	2.37	1.57	1.69	1.33	1.12	1.24	1.09
25	1.31	2.03	1.80	3.33	2.62	2.18	1.53	1.50	1.31	1.12	2.08	1.10
26	1.30	2.11	1.76	4.22	2.80	2.08	1.52	1.36	1.34	1.16	1.89	1.09
27	1.28	1.82	2.03	3.85	6.50	2.16	1.51	1.35	1.37	1.14	1.47	1.06
28	1.28	1.70	5.92	3.23	8.34	2.21	1.49	1.27	2.07	1.19	1.31	1.05
29	1.27	1.60	8.41	2.84	8.85	2.01	1.48	1.23	1.66	1.22	1.39	1.03
30	1.27	1.61	9.75	2.58	---	1.90	1.48	1.21	1.48	1.18	1.40	1.02
31	1.26	---	8.13	2.40	---	1.84	---	1.19	---	1.20	2.13	---
MAX	1.74	2.11	9.75	5.18	8.85	7.38	6.03	1.69	4.11	2.37	3.49	3.04
MIN	1.26	1.24	1.50	2.11	2.11	1.84	1.48	1.19	1.11	1.12	1.12	1.02

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07376500 NATALBANY RIVER AT BAPTIST, LA.

LOCATION.--Lat 30°30'15", long 90°32'45", in NE1/4NW1/4 sec.30, T. 6 S., R. 7 E., St. Helena meridian, Tangipahoa Parish, Hydrologic Unit 08070203, near right bank on downstream side of bridge on U.S. Highway 190, 0.7 mi downstream from Still Branch, and 0.7 mi west of Baptist.

DRAINAGE AREA.--79.5 mi^2.

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORDS.--WSP 1057: 1943.

GAGE.--Water-stage recorder. Datum of gage is 11.28 ft National Geodetic Vertical Datum of 1929. Prior to June 4, 1948, nonrecording gage, and June 4, 1948, to Apr. 13, 1950, water-stage recorder at old highway bridge 100 ft upstream at same datum.

REMARKS.--Records fair. No gage-height record for the period May 22 to July 11.

AVERAGE DISCHARGE.--41 years, 116 ft^3/s, 19.81 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,810 ft^3/s Apr. 7, 1983, gage height, 20.80 ft (observed); minimum discharge, 1.8 ft^3/s Nov. 2-5, 1963; minimum gage height, 2.78 ft Oct. 14, 15, 16, 17, 18, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,700 ft^3/s and maximum(*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 11	1200	*2900	*14.35	Feb. 26	2400	1950	12.72
Dec. 28	1400	2170	13.15				

Minimum discharge, 12 ft^3/s Nov. 17, 18, 19; minimum gage height, 3.07 ft July 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	14	15	96	43	121	32	33	25	19	22	24
2	20	14	15	73	39	79	32	33	23	18	21	22
3	20	14	40	59	101	61	48	32	22	17	85	22
4	20	14	29	50	142	51	55	32	21	16	88	31
5	20	14	20	46	87	81	42	32	20	16	38	36
6	19	13	202	42	41	82	35	32	21	15	28	29
7	19	14	124	39	31	68	31	33	19	14	98	24
8	18	14	45	38	27	60	559	32	21	14	741	22
9	18	14	30	41	24	55	1040	32	20	15	143	21
10	18	14	23	152	630	50	370	32	19	19	60	20
11	18	14	2210	115	580	48	142	32	18	15	41	20
12	30	13	1130	70	545	48	85	32	17	14	195	20
13	51	13	261	53	875	48	65	32	17	45	520	20
14	26	13	187	55	403	46	58	32	16	33	203	19
15	21	16	104	90	155	45	52	32	15	478	91	1
16	19	14	61	140	157	44	48	60	45	135	51	18
17	18	12	49	125	216	43	45	54	100	82	36	17
18	18	12	44	272	118	42	43	48	108	51	31	17
19	17	14	39	387	85	133	42	42	54	34	28	17
20	17	42	35	203	112	284	41	38	32	23	50	17
21	16	20	32	115	120	113	40	58	24	20	131	17
22	17	15	30	79	82	67	37	59	20	18	52	18
23	17	28	28	67	58	52	35	84	18	17	38	18
24	15	39	26	97	47	46	34	90	16	16	50	17
25	15	22	23	248	40	44	33	50	15	16	33	17
26	15	17	22	175	257	41	33	30	25	16	26	17
27	14	16	310	112	2110	40	33	32	19	16	171	17
28	14	19	1990	78	853	37	33	70	16	16	63	16
29	14	19	1120	61	243	35	33	40	29	83	38	15
30	14	16	434	53	---	33	32	32	23	43	28	15
31	14	---	157	45	---	33	---	27	---	22	25	---
TOTAL	592	513	8835	3276	8221	2030	3208	1297	838	1356	3231	602
MEAN	19.1	17.1	285	106	283	65.5	107	41.8	27.9	43.7	104	20.1
MAX	51	42	2210	387	2110	284	1040	90	108	478	741	36
MIN	14	12	15	38	24	33	31	27	15	14	21	15
CFSM	.24	.22	3.58	1.33	3.56	.82	1.35	.53	.35	.55	1.31	.25
IN.	.28	.24	4.13	1.53	3.85	.95	1.50	.61	.39	.63	1.51	.28

CAL YR 1983	TOTAL	82628	MEAN	226	MAX	9700	MIN	12	CFSM	2.84	IN.	38.66
WTR YR 1984	TOTAL	33999	MEAN	92.9	MAX	2210	MIN	12	CFSM	1.17	IN.	15.91

07376500 NATALBANY RIVER AT BAPTIST, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.16	3.20	4.27	3.45	4.63	3.24	3.22	---	---	3.26	3.30
2	---	3.16	3.19	4.00	3.38	4.21	3.24	3.22	---	---	3.24	3.28
3	3.24	3.17	3.58	3.82	4.10	3.99	3.50	3.22	---	---	4.05	3.26
4	3.24	3.18	3.49	3.69	4.57	3.85	3.62	3.21	---	---	4.21	3.43
5	3.23	3.19	3.31	3.62	4.01	3.92	3.43	3.22	---	---	3.54	3.52
6	3.22	3.17	5.24	3.55	3.68	3.93	3.30	3.21	---	---	3.37	3.40
7	3.21	3.18	4.62	3.50	3.51	3.77	3.23	3.21	---	---	3.86	3.32
8	3.21	3.19	3.75	3.46	3.44	3.67	6.63	3.20	---	---	8.35	3.28
9	3.20	3.19	3.49	3.50	3.38	3.59	9.78	3.20	---	---	4.76	3.26
10	3.20	3.19	3.36	4.75	7.69	3.51	6.28	3.20	---	---	3.88	3.25
11	3.21	3.19	12.59	4.39	7.66	3.49	4.56	3.20	---	---	3.59	3.24
12	3.41	3.18	9.91	3.91	7.25	3.50	3.99	3.19	---	3.07	5.14	3.23
13	3.78	3.18	5.70	3.67	9.08	3.49	3.74	3.18	---	3.60	7.27	3.23
14	3.39	3.19	5.18	3.71	6.60	3.47	3.65	3.19	---	3.46	5.24	3.22
15	3.28	3.26	4.45	4.09	4.91	3.45	3.58	3.18	---	6.79	4.27	3.21
16	3.24	3.22	3.99	4.59	4.90	3.44	3.51	3.58	---	4.71	3.75	3.19
17	3.22	3.18	3.81	4.45	5.40	3.42	3.47	3.54	---	4.18	3.50	3.18
18	3.21	3.16	3.74	5.63	4.60	3.41	3.43	3.45	---	3.77	3.43	3.18
19	3.20	3.21	3.66	6.47	4.27	4.23	3.40	3.35	---	3.48	3.37	3.18
20	3.19	3.79	3.59	5.12	4.54	5.69	3.38	3.29	---	3.29	3.67	3.17
21	3.19	3.38	3.53	4.33	4.61	4.26	3.37	3.57	---	3.22	4.68	3.17
22	3.20	3.23	3.50	3.96	4.23	3.77	3.32	---	---	3.19	3.84	3.20
23	3.20	3.49	3.46	3.80	3.95	3.56	3.29	---	---	3.16	3.54	3.19
24	3.18	3.71	3.42	4.12	3.78	3.47	3.26	---	---	3.14	3.72	3.18
25	3.18	3.40	3.35	5.46	3.67	3.44	3.24	---	---	3.14	3.46	3.17
26	3.17	3.27	3.33	4.88	4.79	3.40	3.24	---	---	3.13	3.34	3.17
27	3.16	3.25	5.34	4.29	13.02	3.38	3.24	---	---	3.13	4.57	3.18
28	3.16	3.32	12.77	3.93	8.90	3.33	3.24	---	---	3.13	3.90	3.15
29	3.16	3.31	10.09	3.72	5.56	3.29	3.23	---	---	4.04	3.54	3.14
30	3.16	3.24	6.75	3.60	---	3.26	3.22	---	---	3.61	3.38	3.14
31	3.16	---	4.84	3.49	---	3.25	---	---	---	3.27	3.33	---
MAX	3.78	3.79	12.77	6.47	13.02	5.69	9.78	---	---	6.79	8.35	3.52
MIN	3.16	3.16	3.19	3.46	3.38	3.25	3.22	3.18	---	3.07	3.24	3.14

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'41", in lot 72, T. 2 S., R. 4 E., St. Helena meridian, St. Helena Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi^2.

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft National Geodetic Vertical Datum of 1929. Jan. 13, 1951, to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963, to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, at datum 2.99 ft higher.

AVERAGE DISCHARGE.--34 years, 922 ft^3/s, 21.59 in/yr.

REMARKS.--Records good, prior to April 1 and poor thereafter. No gage-height record for the period Feb. 15 to Mar. 18.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,400 ft^3/s Apr. 22, 1977, gage height, 21.76 ft; minimum, 188 ft^3/s Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 8,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 14	0230	*13000	*14.56

Minimum discharge, 255 ft^3/s Sept. 30, gage height, 2.66 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	323	371	684	1070	587	1410	623	408	339	468	446	295
2	320	374	579	885	570	1020	622	403	339	485	434	293
3	320	378	558	777	761	880	2790	408	343	524	421	299
4	320	382	1020	706	1460	810	3410	410	342	527	402	335
5	320	463	1020	658	1060	1140	1940	470	341	513	384	327
6	320	480	995	623	818	2220	1070	455	344	491	427	323
7	318	422	1230	592	699	2190	841	432	343	458	458	319
8	315	405	975	562	645	1460	832	441	342	471	847	314
9	315	405	715	550	623	940	1050	734	338	459	1170	311
10	321	396	608	932	826	780	1820	658	338	461	532	308
11	321	392	2460	1180	933	710	1170	521	337	447	432	302
12	340	392	4200	1000	1830	680	882	450	348	441	428	299
13	360	401	2450	799	9430	1090	728	398	364	429	409	296
14	349	409	1320	703	10500	1470	652	380	362	469	448	292
15	337	430	1150	826	5530	920	601	372	357	1130	537	291
16	337	430	961	1600	3850	740	579	363	502	946	532	290
17	340	401	784	1470	3310	650	553	356	518	740	492	287
18	343	382	688	1760	2260	700	527	351	455	578	378	286
19	343	382	628	3870	1570	732	511	349	694	557	365	285
20	343	1000	581	3140	1270	1120	495	361	676	541	349	282
21	340	1060	557	1690	1190	1020	485	374	467	517	341	281
22	364	625	726	1180	920	831	474	423	399	474	330	281
23	480	684	1500	972	800	729	459	529	388	428	498	283
24	426	2330	1280	913	720	913	444	465	389	392	476	282
25	378	1480	794	952	810	3760	433	394	396	564	351	280
26	360	772	643	902	4100	2880	427	374	446	509	336	279
27	360	701	653	820	6390	1410	428	370	470	472	318	276
28	364	2810	3440	740	5160	1030	426	371	664	444	308	274
29	364	2050	4570	688	2890	860	421	360	1040	407	304	269
30	364	988	3710	652	---	737	416	349	573	499	302	260
31	367	---	1730	612	---	670	---	341	---	481	300	---
TOTAL	10772	22195	43209	33824	71512	36502	26109	13070	13254	16322	13755	8799
MEAN	347	740	1394	1091	2466	1177	870	422	442	527	444	293
MAX	480	2810	4570	3870	10500	3760	3410	734	1040	1130	1170	335
MIN	315	371	557	550	570	650	416	341	337	392	300	260
CFSM	.60	1.28	2.40	1.88	4.25	2.03	1.50	.73	.76	.91	.77	.51
IN.	.69	1.42	2.77	2.17	4.59	2.34	1.67	.84	.85	1.05	.88	.56

CAL YR 1983 TOTAL 642100 MEAN 1759 MAX 58500 MIN 269 CFSM 3.03 IN. 41.18
WTR YR 1984 TOTAL 309323 MEAN 845 MAX 10500 MIN 260 CFSM 1.46 IN. 19.84

07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.94	2.88	3.81	4.59	3.50	---	3.56	3.07	2.91	3.29	3.25	2.83
2	2.93	2.89	3.56	4.23	3.46	---	3.55	3.06	2.92	3.33	3.22	2.82
3	2.93	2.89	3.51	4.01	3.86	---	6.86	3.08	2.93	3.43	3.19	2.83
4	2.92	2.90	4.48	3.86	5.21	---	7.78	3.08	2.93	3.43	3.14	2.95
5	2.92	3.10	4.50	3.75	4.48	---	5.90	3.23	2.92	3.40	3.10	2.93
6	2.91	3.13	4.42	3.67	3.99	---	4.50	3.19	2.93	3.36	3.20	2.92
7	2.90	2.98	4.87	3.59	3.74	---	4.03	3.13	2.93	3.28	3.28	2.90
8	2.89	2.94	4.40	3.52	3.61	---	4.01	3.16	2.94	3.31	4.04	2.89
9	2.88	2.93	3.88	3.49	3.55	---	4.45	3.84	2.92	3.28	4.73	2.88
10	2.89	2.91	3.63	4.30	3.98	---	5.76	3.67	2.92	3.28	3.45	2.87
11	2.89	2.89	6.42	4.78	4.20	---	4.67	3.35	2.92	3.25	3.22	2.85
12	2.93	2.89	8.64	4.46	5.47	---	4.12	3.18	2.95	3.24	3.20	2.84
13	2.99	2.90	6.62	4.05	12.82	---	3.81	3.05	3.00	3.21	3.16	2.83
14	2.96	2.92	5.02	3.85	13.53	---	3.63	3.01	3.00	3.30	3.25	2.81
15	2.91	2.96	4.73	4.10	---	---	3.51	2.99	2.99	4.64	3.46	2.80
16	2.91	2.95	4.38	5.49	---	---	3.46	2.97	3.35	4.33	3.45	2.79
17	2.91	2.92	4.02	5.28	---	---	3.40	2.95	3.39	3.93	3.36	2.77
18	2.91	2.90	3.82	5.67	---	---	3.34	2.94	3.24	3.56	3.08	2.77
19	2.91	2.93	3.68	8.29	---	3.74	3.31	2.93	3.78	3.51	3.04	2.76
20	2.90	4.18	3.57	7.46	---	4.52	3.27	2.96	3.75	3.48	3.00	2.74
21	2.88	4.46	3.51	5.59	---	4.33	3.25	3.00	3.27	3.42	2.97	2.73
22	2.94	3.62	3.86	4.75	---	3.96	3.23	3.12	3.12	3.32	2.94	2.73
23	3.22	3.89	5.32	4.38	---	3.75	3.19	3.38	3.09	3.21	3.35	2.74
24	3.08	6.48	4.95	4.26	---	4.09	3.15	3.22	3.09	3.12	3.32	2.74
25	2.95	5.27	4.04	4.32	---	8.17	3.13	3.06	3.11	3.53	3.01	2.73
26	2.90	3.99	3.71	4.22	---	7.14	3.11	3.01	3.23	3.40	2.96	2.72
27	2.89	3.83	3.73	4.05	---	5.08	3.12	3.00	3.29	3.31	2.90	2.70
28	2.89	7.07	7.72	3.89	---	4.38	3.11	3.00	3.70	3.24	2.87	2.69
29	2.88	6.06	9.04	3.76	---	4.05	3.10	2.97	4.49	3.16	2.85	2.68
30	2.88	4.42	8.11	3.66	---	3.81	3.09	2.94	3.54	3.37	2.85	2.67
31	2.88	---	5.63	3.57	---	3.66	---	2.91	---	3.33	2.84	---
MAX	3.22	7.07	9.04	8.29	13.53	8.17	7.78	3.84	4.49	4.64	4.73	2.95
MIN	2.88	2.88	3.51	3.49	---	---	3.09	2.91	2.91	3.12	2.84	2.67

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA

LOCATION.--Lat 30°37'36", long 90°59'20", in lot 59, T. 5 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, on downstream side of bridge on Louisiana Highway 409, 0.5 mi upstream from Sandy Creek, 0.6 mi downstream from Wind Bayou, and 3.4 north of the village of Greenwell Springs.

DRAINAGE AREA.--28.2 mi^2.

PERIOD OF RECORD.--October 1974 to current year. Unpublished gage-height records, June to September 1974, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA-81-2: 1980(P), WRD LA-83-2: 1983(P).

GAGE.--Water-stage recorder. Altitude of gage is 50 ft, from topographic map.

AVERAGE DISCHARGE.--10 years, 58.7 ft^3/s, 28.26 in/yr.

REMARKS.--Records poor. No gage-height record for the periods Nov. 8 to Dec. 14, Dec. 21 to Jan. 16.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,700 ft^3/s Apr. 6, 1983, maximum gage height, 26.69 ft, backwater from the Amite River; minimum discharge, no flow many days each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 2,320 ft^3/s Dec. 11, gage height, 20.92 ft, from high-water mark; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.39	.23	1.0	30	4.4	20	4.8	1.7	.08	13	.98	.72
2	.39	.13	.60	10	4.0	11	6.0	1.4	.06	2.9	.66	.31
3	.39	.21	2.0	7.0	104	7.5	84	1.2	.07	1.5	.45	.19
4	.41	.30	4.0	3.0	87	5.4	28	.86	.20	.98	.38	60
5	.42	.57	10	2.0	26	4.9	7.5	.74	.24	.79	.36	31
6	.47	.81	20	.90	10	6.6	4.7	.74	.23	.54	.40	3.6
7	.55	.92	40	.40	5.6	8.2	3.9	.55	.22	.50	.52	1.2
8	.56	.70	3.0	.30	4.3	4.8	123	1.1	.19	.37	4.9	.47
9	.55	1.1	20	.26	9.6	3.7	199	1.2	.19	3.3	9.3	.28
10	.57	2.0	100	5.0	543	3.1	24	2.3	.19	1.8	3.0	.20
11	.52	.80	2000	300	459	3.5	7.7	1.7	.18	1.1	49	.12
12	.67	.50	500	230	197	4.0	4.7	1.1	.17	.69	363	.10
13	.76	.40	400	160	596	3.5	4.8	.68	.17	.76	247	.03
14	.60	.50	100	110	299	4.7	4.4	.49	.20	.74	125	.00
15	.58	7.0	28	100	68	5.1	4.2	.29	.61	33	24	.00
16	.58	100	9.4	69	64	4.7	4.3	.31	81	11	6.3	.00
17	.66	50	6.1	51	83	4.6	4.1	.25	32	12	3.0	.00
18	.62	2.0	5.7	193	28	4.4	3.8	.18	16	11	1.6	.00
19	.57	3.0	4.1	293	61	21	3.4	.07	85	2.4	1.0	.00
20	.52	8.0	2.8	65	84	158	3.3	.18	9.6	1.2	5.7	.00
21	.51	150	1.0	25	60	36	3.1	.62	3.1	.74	29	.00
22	2.5	10	1.0	13	42	11	3.2	33	1.6	.57	6.3	.18
23	8.6	4.0	10	9.7	16	6.4	2.9	6.2	1.0	.49	105	.26
24	1.1	6.0	4.0	69	8.0	4.8	2.3	1.5	.83	.42	36	.13
25	.54	90	1.5	253	4.9	4.7	2.1	.66	.69	.37	16	.14
26	.49	5.0	.80	486	62	5.2	1.8	.38	.65	.39	4.6	.02
27	.41	1.2	2.0	34	600	4.8	1.8	.35	4.0	.39	2.2	.00
28	.35	4.0	10	17	554	4.6	1.8	.26	29	.40	8.0	.00
29	.31	20	200	9.3	134	3.9	1.6	.18	4.6	.68	13	.00
30	.29	3.0	100	6.6	---	4.4	1.5	.16	5.4	1.6	3.8	.00
31	.24	---	50	5.1	---	4.6	---	.13	---	1.8	1.5	---
TOTAL	26.12	472.37	3637.00	2157.56	4217.8	379.1	551.7	60.48	277.47	107.42	1071.95	98.95
MEAN	.84	15.7	117	69.6	145	12.2	18.4	1.95	9.25	3.47	34.6	3.30
MAX	8.6	150	2000	300	600	158	199	33	85	33	363	60
MIN	.24	.13	.60	.26	4.0	3.1	1.5	.07	.06	.37	.36	.00
CFSM	.03	.56	4.15	2.47	5.14	.43	.65	.07	.33	.12	1.23	.12
IN.	.03	.62	4.80	2.85	5.56	.50	.73	.08	.37	.14	1.41	.13

CAL YR 1983 TOTAL 44085.14 MEAN 121 MAX 9680 MIN .13 CFSM 4.29 IN. 58.15
WTR YR 1984 TOTAL 13057.92 MEAN 35.7 MAX 2000 MIN .00 CFSM 1.27 IN. 17.23

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA

LOCATION.--Lat 30°45'21", long 91°02'38", in lot 41, T. 3 S., R.2 E., St. Helena meridian, East Feliciana Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67, 1,000 ft downstream from Knighton Bayou, and 1.3 mi northeast of Olive Branch.

DRAINAGE AREA.--145 mi^2.

PERIOD OF RECORD.--August 1942 to current year.

REVISED RECORDS.--WSP 1177: 1948, 1949(M). WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.65 ft National Geodetic Vertical Datum of 1929. Aug. 20, 1942, to Oct. 28, 1949, nonrecording gage, Oct. 29, 1949, to Feb. 3, 1964, water-stage recorder at site 1,400 ft upstream. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Records good, except those for periods of no gage-height record, Oct. 11 to Nov. 6, and Aug. 25 to Sept. 30, which are poor.

AVERAGE DISCHARGE.--42 years, 233 ft^3/s, 21.82 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,400 ft^3/s Apr. 22, 1977; maximum gage height, 23.37 ft present datum, Mar. 16, 1961; minimum discharge, 28 ft^3/s Oct. 12, 13, 15, 16, 17, 18, 19, 1972; minimum gage height, 1.11 ft Sept. 29, 30, 1983.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 3,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 11	0930	3157	7.36	Feb. 13	2200	*4210	*8.55

Minimum daily discharge, 46 ft^3/s Oct. 15, 16, 28, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	47	102	116	84	239	94	64	48	69	55	50
2	51	47	84	103	84	200	104	62	48	60	52	120
3	52	48	85	93	132	170	617	62	48	58	53	700
4	52	48	344	86	400	150	918	61	48	57	66	300
5	51	48	177	82	172	258	230	61	49	55	64	180
6	51	50	116	78	121	873	151	59	49	53	59	110
7	51	55	318	75	103	286	130	58	49	52	92	75
8	50	52	118	73	92	168	207	68	48	116	61	58
9	50	52	87	72	89	136	255	65	48	182	94	56
10	50	50	79	218	450	118	148	60	49	62	86	54
11	49	49	2080	244	306	108	128	56	49	55	91	52
12	48	49	1610	138	901	108	141	55	48	65	88	51
13	47	51	448	114	2800	124	109	55	57	100	68	50
14	47	51	223	100	2330	266	97	55	54	176	108	51
15	46	58	180	127	356	145	90	54	85	188	88	50
16	46	54	129	434	947	115	85	54	404	70	91	50
17	47	53	108	213	1090	102	83	53	97	326	60	51
18	48	50	96	507	329	93	81	52	77	87	55	51
19	50	54	87	1100	225	127	79	53	113	63	53	50
20	60	369	82	448	190	410	77	58	75	57	98	52
21	56	414	81	212	160	230	75	63	62	54	82	53
22	52	77	113	163	145	140	72	125	57	52	58	56
23	49	206	178	138	133	117	71	99	54	51	98	62
24	48	720	97	148	120	172	69	68	53	50	340	70
25	47	181	80	190	115	844	68	59	56	49	250	55
26	47	82	73	154	500	354	67	57	52	55	190	51
27	47	212	118	126	2010	165	66	55	51	62	56	50
28	46	1070	913	110	1430	137	66	55	51	52	53	50
29	46	785	695	101	340	121	66	53	328	59	51	50
30	47	149	205	93	---	107	65	52	116	198	50	50
31	47	---	138	87	---	99	---	49	---	68	49	---
TOTAL	1528	5231	9244	5943	16154	6682	4509	1900	2423	2701	2759	2758
MEAN	49.3	174	298	192	557	216	150	61.3	80.8	87.1	89.0	91.9
MAX	60	1070	2080	1100	2800	873	918	125	404	326	340	700
MIN	46	47	73	72	84	93	65	49	48	49	49	50
CFSM	.34	1.20	2.06	1.32	3.84	1.49	1.03	.42	.56	.60	.61	.63
IN.	.39	1.34	2.37	1.52	4.14	1.71	1.16	.49	.62	.69	.71	.71

CAL YR 1983 TOTAL 168619 MEAN 462 MAX 16200 MIN 42 CFSM 3.19 IN. 43.26
WTR YR 1984 TOTAL 61832 MEAN 169 MAX 2800 MIN 46 CFSM 1.17 IN. 15.86

07377240 LITTLE SANDY CREEK NEAR GREENWELL SPRINGS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.38	7.39	---	---	7.67	8.18	7.70	7.55	7.14	7.91	7.17	7.19
2	7.38	7.34	---	---	7.64	7.96	7.76	7.52	7.12	7.48	7.11	7.08
3	7.38	7.39	---	---	9.66	7.84	9.50	7.48	7.11	7.32	7.05	7.03
4	7.39	7.45	---	---	9.55	7.74	8.37	7.43	7.17	7.25	7.03	8.81
5	7.39	7.56	---	---	8.31	7.71	7.83	7.42	7.18	7.20	7.02	8.40
6	7.42	7.62	---	---	7.93	7.78	7.68	7.42	7.17	7.14	7.04	7.60
7	7.44	7.64	---	---	7.75	7.87	7.63	7.38	7.15	7.12	7.06	7.34
8	7.45	---	---	---	7.66	7.70	9.84	7.49	7.13	7.07	7.54	7.18
9	7.45	---	---	---	7.76	7.61	11.24	7.53	7.11	7.47	7.75	7.09
10	7.46	---	---	---	15.56	7.56	8.26	7.67	---	7.33	7.41	7.05
11	7.45	---	---	---	14.47	7.59	7.84	7.62	---	7.23	8.17	7.00
12	7.49	---	---	---	11.13	7.64	7.69	7.53	---	7.16	13.52	6.99
13	7.51	---	---	---	16.28	7.59	7.70	7.45	---	7.17	11.82	6.95
14	7.48	---	---	---	12.66	7.69	7.68	7.41	---	7.16	10.05	6.92
15	7.48	---	8.60	---	9.15	7.72	7.66	7.33	7.15	8.29	8.12	6.90
16	7.49	---	8.14	---	9.12	7.69	7.68	7.35	9.36	7.81	7.63	6.88
17	7.51	---	8.01	8.85	9.49	7.68	7.68	7.32	8.44	7.82	7.40	6.86
18	7.50	---	7.99	11.22	8.36	7.67	7.65	7.29	8.02	7.79	7.26	6.87
19	7.50	---	7.87	12.67	9.04	8.09	7.62	7.23	9.50	7.39	7.16	6.87
20	7.48	---	7.76	9.13	9.51	10.70	7.62	7.30	7.88	7.23	7.37	6.87
21	7.49	---	---	8.30	9.04	8.54	7.62	7.49	7.54	7.15	8.13	6.87
22	7.69	---	---	8.03	8.65	7.96	7.62	8.62	7.38	7.11	7.61	6.98
23	8.09	---	---	7.93	8.09	7.79	7.61	7.97	7.29	7.08	9.64	7.08
24	7.63	---	---	9.07	7.85	7.70	7.57	7.63	7.25	7.06	8.34	7.01
25	7.51	---	---	12.11	7.71	7.69	7.56	7.47	7.22	7.04	7.92	7.00
26	7.49	---	---	9.52	8.65	7.73	7.52	7.37	7.20	7.04	7.51	6.93
27	7.48	---	---	8.48	16.85	7.70	7.53	7.35	7.43	7.04	7.30	6.88
28	7.45	---	---	8.12	15.47	7.68	7.54	7.29	8.32	7.05	7.62	6.83
29	7.43	---	---	7.91	10.24	7.63	7.51	7.23	7.63	7.11	7.95	6.80
30	7.42	---	---	7.80	---	7.67	7.51	7.20	7.60	7.28	7.53	6.79
31	7.39	---	---	7.72	---	7.68	---	7.17	---	7.31	7.30	---
MAX	8.09	---	---	---	16.85	10.70	11.24	8.62	9.50	8.29	13.52	8.81
MIN	7.38	---	---	---	7.64	7.56	7.51	7.17	7.11	7.04	7.02	6.79

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.54	3.52	3.62	3.60	3.60	3.74	---	3.51	3.51	3.54	3.46	3.48
2	3.54	3.52	3.60	3.60	3.59	3.69	---	3.51	3.51	3.50	3.48	3.48
3	3.55	3.53	3.83	3.55	4.09	3.67	---	3.53	3.51	3.49	3.56	4.05
4	3.54	3.57	3.93	3.50	3.94	3.64	---	3.52	3.54	3.50	3.78	6.29
5	3.54	3.62	3.91	3.50	3.79	3.66	---	3.51	3.54	3.49	3.80	4.73
6	3.54	3.55	5.21	3.50	3.73	3.62	---	3.51	3.50	3.49	3.69	3.67
7	3.54	3.55	4.25	3.50	3.68	3.59	---	3.51	3.50	3.49	3.66	3.56
8	3.54	3.54	3.85	3.50	3.65	3.58	---	3.67	3.50	3.49	3.67	3.51
9	3.55	3.54	3.75	3.60	3.82	3.57	---	3.53	3.50	3.49	3.54	3.50
10	3.55	3.54	3.75	3.99	5.89	3.58	---	3.51	3.50	3.49	3.50	3.49
11	3.55	3.54	12.81	3.76	4.27	3.58	---	3.51	3.64	3.49	3.50	3.48
12	3.57	3.53	11.39	3.68	5.77	3.61	3.56	3.50	3.59	3.48	3.54	3.48
13	3.56	3.54	4.42	3.60	6.10	3.60	3.54	3.50	3.51	3.51	3.58	3.48
14	3.55	3.56	4.00	3.60	4.27	3.57	3.52	3.50	3.49	3.55	3.64	3.48
15	3.55	3.64	3.73	3.87	3.90	3.56	3.52	3.50	3.59	3.52	3.56	3.47
16	3.55	3.57	3.63	3.82	4.05	3.56	3.53	3.49	4.02	3.57	3.52	3.47
17	3.56	3.55	3.66	3.92	4.05	3.55	3.55	3.49	3.72	3.56	3.70	3.46
18	3.56	3.55	3.60	4.81	3.84	3.55	3.54	3.50	3.64	3.49	3.62	3.46
19	3.56	3.68	3.54	4.43	4.15	3.84	3.55	3.50	3.54	3.49	3.51	3.46
20	3.55	3.87	3.52	3.84	4.13	4.10	3.54	3.63	3.50	3.48	3.56	3.46
21	3.55	3.64	3.60	3.70	4.11	3.78	3.51	3.57	3.50	3.48	3.53	3.47
22	3.70	3.63	3.60	3.63	4.07	3.64	3.51	3.80	3.49	3.47	3.49	3.54
23	3.56	4.08	3.60	3.67	4.05	3.57	3.51	3.55	3.49	3.49	4.11	3.52
24	3.53	3.96	3.60	4.48	3.82	---	3.51	3.51	3.55	3.49	3.84	3.49
25	3.51	3.70	3.60	4.42	3.70	---	3.53	3.50	3.56	3.48	3.60	3.49
26	3.51	3.63	3.60	4.01	4.81	---	3.53	3.50	3.50	3.60	3.51	3.49
27	3.51	4.26	3.87	3.81	8.51	---	3.52	3.49	3.71	3.56	3.48	3.48
28	3.51	4.49	4.61	3.72	4.92	---	3.52	3.49	3.69	3.48	3.79	3.48
29	3.51	3.75	3.98	3.67	3.85	---	3.52	3.49	3.52	3.49	3.70	3.47
30	3.51	3.65	3.74	3.64	---	---	3.51	3.50	3.59	3.50	3.55	3.46
31	3.52	---	3.64	3.62	---	---	---	3.50	---	3.47	3.50	---
MAX	3.70	4.49	12.81	4.81	8.51	4.10	---	3.80	4.02	3.60	4.11	6.29
MIN	3.51	3.52	3.52	3.50	3.59	---	---	3.49	3.49	3.47	3.46	3.46

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA

LOCATION.--Lat 30°38'13", long 91°07'39", at center of E1/2 lot 39, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Lower Zachary Road, 1.5 mi downstream from Indian Bayou, and 2.0 mi southeast of Zachary.

DRAINAGE AREA.--45 mi^2, approximately.

PERIOD OF RECORD.--August 1972 to current year. Daily gage heights from January 1965 to July 1972 published as White Bayou near Zachary by Corps of Engineers, New Orleans District.

GAGE.--Water-stage recorder. Datum of gage is 65.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft^3/s and poor below.

AVERAGE DISCHARGE.--12 years, 80.1 ft^3/s, 24.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,730 ft^3/s Apr. 6, 1983, gage height, 23.24 ft; minimum daily, no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 11	2045	*2580	*20.17

Minimum discharge, 0.12 ft^3/s Nov. 10, 13, 14; minimum gage height, 3.01 ft Sept. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.97	1.2	8.5	12	11	21	3.7	1.1	.87	52	1.3	.82
2	.96	.76	5.4	11	10	14	7.8	1.3	1.1	11	.94	.44
3	.75	.48	16	9.4	55	11	163	1.2	1.1	4.7	1.7	72
4	.47	.59	229	9.0	66	9.0	45	1.2	1.5	2.6	4.4	801
5	.39	2.3	46	8.6	42	11	13	1.4	1.4	1.5	4.9	388
6	.38	1.1	70	7.4	24	33	7.4	2.1	.85	.98	3.7	17
7	.46	.78	17	7.6	13	19	5.1	1.5	.81	.71	6.7	6.0
8	.50	.48	10	6.5	11	11	77	3.6	.80	1.4	15	3.7
9	.54	.32	4.9	10	21	7.6	98	2.0	.79	12	33	2.7
10	.70	.41	3.5	193	638	6.0	23	1.7	.92	12	5.7	2.5
11	.91	.89	2020	95	202	5.6	10	1.6	1.1	3.8	4.6	2.2
12	1.4	.46	1910	30	461	6.7	6.9	1.3	1.0	1.9	10	1.7
13	1.2	.14	228	18	811	11	4.9	1.1	.95	82	94	1.1
14	.78	.89	116	18	250	12	4.0	1.1	1.0	311	15	.86
15	.65	1.8	45	81	50	9.0	3.2	1.1	18	117	12	.77
16	.57	2.3	21	132	285	6.8	2.7	1.1	212	18	4.7	.56
17	.42	1.0	18	82	290	5.4	2.2	1.1	68	6.8	3.3	.47
18	.44	.52	14	438	55	4.8	2.1	.99	11	3.2	2.1	.39
19	.78	3.3	10	448	42	107	2.0	.96	5.6	58	1.0	.35
20	1.2	166	8.4	84	32	357	1.9	2.8	3.8	7.2	.90	.24
21	1.5	105	6.6	38	51	54	1.7	3.7	2.4	2.5	.84	.27
22	54	12	14	26	35	18	1.7	43	1.7	1.1	.80	1.2
23	147	112	17	22	23	10	1.6	39	1.2	.75	.75	2.4
24	19	417	11	86	16	8.1	1.4	9.5	1.2	.36	.70	1.5
25	5.0	73	7.4	239	14	33	1.3	5.1	1.1	33	.68	1.1
26	2.8	13	6.0	86	234	13	1.4	3.7	.67	68	1.0	.87
27	2.3	237	54	41	1160	8.0	1.5	2.6	182	36	1.3	.78
28	1.7	525	410	27	415	5.8	1.5	2.1	84	12	13	.75
29	1.2	110	155	19	42	4.8	1.3	1.6	7.6	14	16	.70
30	.95	19	33	15	---	5.2	1.2	1.2	64	4.5	3.6	.63
31	.82	---	17	13	---	4.0	---	1.0	---	2.5	1.7	---
TOTAL	250.74	1808.72	5531.7	2312.5	5359	831.8	497.5	142.75	678.46	882.50	265.31	1313.00
MEAN	8.09	60.3	178	74.6	185	26.8	16.6	4.60	22.6	28.5	8.56	43.8
MAX	147	525	2020	448	1160	357	163	43	212	311	94	801
MIN	.38	.14	3.5	6.5	10	4.0	1.2	.96	.67	.36	.68	.24
CFSM	.18	1.34	3.96	1.66	4.11	.60	.37	.10	.50	.63	.19	.97
IN.	.21	1.50	4.57	1.91	4.43	.69	.41	.12	.56	.73	.22	1.09

CAL YR 1983 TOTAL 47522.40 MEAN 130 MAX 4220 MIN .14 CFSM 2.89 IN. 39.29
WTR YR 1984 TOTAL 19873.98 MEAN 54.3 MAX 2020 MIN .14 CFSM 1.21 IN. 16.43

BEST COPY AVAILABLE

07377782 WHITE BAYOU SOUTHEAST OF ZACHARY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.27	3.26	4.00	3.88	3.66	4.30	3.49	3.14	3.08	4.93	3.27	3.18
2	3.26	3.18	3.81	3.79	3.61	4.07	3.63	3.17	3.11	3.93	3.22	3.08
3	3.22	3.14	4.17	3.73	4.67	3.93	6.61	3.17	3.13	3.57	3.33	4.11
4	3.18	3.16	8.00	3.70	4.94	3.85	4.80	3.15	3.18	3.39	3.56	12.28
5	3.17	3.42	5.16	3.67	4.49	3.96	4.01	3.18	3.17	3.28	3.62	8.57
6	3.17	3.24	5.71	3.60	4.06	4.61	3.74	3.25	3.09	3.21	3.52	4.15
7	3.18	3.18	4.38	3.60	3.74	4.25	3.60	3.18	3.09	3.16	3.64	3.67
8	3.18	3.13	4.11	3.54	3.63	3.93	5.08	3.39	3.09	3.27	4.06	3.50
9	3.18	3.10	3.81	3.64	3.81	3.78	5.72	3.24	3.09	3.73	4.55	3.41
10	3.20	3.12	3.69	6.79	11.10	3.69	4.29	3.20	3.12	3.94	3.66	3.39
11	3.24	3.21	18.73	5.47	6.70	3.67	3.89	3.18	3.14	3.53	3.57	3.36
12	3.33	3.14	18.32	4.34	8.68	3.72	3.70	3.14	3.14	3.35	3.84	3.31
13	3.29	3.08	7.24	4.00	12.06	3.95	3.58	3.11	3.13	4.85	5.50	3.22
14	3.22	3.23	6.03	4.00	7.07	4.01	3.49	3.10	3.15	8.31	4.10	3.19
15	3.19	3.38	4.86	5.14	4.66	3.85	3.42	3.11	3.71	5.93	3.97	3.17
16	3.17	3.45	4.30	6.04	7.43	3.73	3.39	3.10	7.14	4.21	3.60	3.12
17	3.15	3.27	4.22	5.23	7.59	3.64	3.32	3.09	5.08	3.72	3.48	3.09
18	3.15	3.18	4.06	9.16	4.74	3.60	3.31	3.08	3.88	3.48	3.37	3.07
19	3.21	3.32	3.89	9.36	4.50	5.22	3.30	3.07	3.59	4.97	3.23	3.06
20	3.30	7.06	3.79	5.27	4.27	8.73	3.29	3.26	3.46	3.74	3.18	3.04
21	3.34	6.08	3.69	4.44	4.67	4.99	3.25	3.36	3.34	3.40	---	3.04
22	4.81	4.12	4.03	4.14	4.34	4.19	3.25	4.57	3.27	3.25	---	3.20
23	6.89	5.77	4.14	4.02	4.03	3.91	3.24	4.54	3.20	3.18	---	3.38
24	4.33	9.92	3.87	5.10	3.85	3.79	3.21	3.72	3.19	3.09	---	3.28
25	3.70	5.58	3.70	7.22	3.76	4.58	3.20	3.48	3.19	3.99	---	3.23
26	3.51	4.19	3.61	5.25	5.86	4.02	3.21	3.37	3.12	5.09	---	3.19
27	3.44	7.11	4.52	4.48	14.63	3.78	3.22	3.28	5.47	4.50	3.26	3.17
28	3.35	10.82	9.22	4.13	8.88	3.66	3.21	3.23	5.26	3.80	3.68	3.17
29	3.27	6.22	6.36	3.93	4.81	3.59	3.19	3.17	3.74	4.05	4.09	3.15
30	3.22	4.42	4.51	3.81	---	3.62	3.17	3.13	4.79	3.58	3.49	3.14
31	3.20	---	4.07	3.71	---	3.53	---	3.11	---	3.41	3.30	---
MAX	6.89	10.82	18.73	9.36	14.63	8.73	6.61	4.57	7.14	8.31	5.50	12.28
MIN	3.15	3.08	3.61	3.54	3.61	3.53	3.17	3.07	3.08	3.09	---	3.04

07377842 WHITE BAYOU NEAR BAKER, LA

LOCATION.--Lat 30°34'45", long 91°07'18", in NW1/4SW1/4 lot 28, T. 5 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on Pettit Road, 0.1 mi upstream from pipeline crossing, 0.6 mi downstream from State Highway 67, and 2.8 mi east of Baker.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year (discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 60 ft (approximately), from topographic map.

REMARKS.--Records poor.

AVERAGE DISCHARGE.--12 years, 12.1 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 898 ft^3/s Apr. 7, 1983, gage height, 16.78 ft, backwater from Comite River; maximum gage height unaffected by backwater, 15.29 ft Mar. 24, 1973; no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 632 ft^3/s Dec. 11, gage height, 15.07 ft; minimum discharge, 0.07 ft^3/s Oct. 1; minimum gage height, 3.80 ft Sept. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.07	.15	.15	2.3	1.6	3.5	.84	.84	.73	.35	.37	.80
2	.08	.15	.15	2.0	1.6	2.2	3.2	.86	.72	.32	.56	.81
3	.08	.15	.32	1.7	22	1.7	9.0	.92	.69	.28	.56	.89
4	.08	.29	2.2	1.3	13	1.5	1.8	.96	.80	.25	12	9.4
5	.10	.54	1.2	1.3	5.4	1.5	.89	.89	.94	.24	1.2	8.2
6	.09	.20	110	1.1	3.2	1.4	.77	.91	.76	.22	3.2	2.7
7	.09	.18	8.4	1.1	2.1	1.3	.70	.94	.65	.21	.77	.89
8	.09	.16	.54	1.2	2.1	1.3	39	3.8	.59	.22	.63	.77
9	.09	.17	.20	3.0	8.9	1.2	15	1.6	.55	.21	.58	.74
10	.09	.19	.24	16	136	1.1	2.5	1.0	.54	.20	.56	.75
11	.09	.19	550	7.3	25	1.2	.99	.94	.60	.20	.55	.77
12	.26	.21	330	3.7	73	1.4	.82	.91	.72	.20	.54	.78
13	.19	.21	107	2.3	68	1.5	.76	.93	.62	.28	3.0	.79
14	.10	.23	13	3.0	12	1.2	.75	.93	.51	.37	1.2	.79
15	.09	.52	5.3	8.9	5.6	1.2	.73	.94	.51	.40	.77	.82
16	.14	.37	2.9	11	11	1.2	.72	.96	.90	1.4	.64	.84
17	.12	.31	3.0	14	6.6	1.2	.74	.97	.93	1.2	.73	.81
18	.11	.29	2.3	58	3.6	1.1	.72	.97	.96	1.0	.65	.82
19	.11	2.3	2.1	38	15	12	.73	.94	.58	.21	.62	.83
20	.11	7.4	1.4	9.1	13	22	.76	3.1	.43	.21	.75	.86
21	.12	.33	1.3	4.8	8.4	4.4	.84	4.0	.37	.21	.71	.87
22	1.5	.23	1.2	4.0	5.8	1.7	.80	23	.35	.31	.79	1.1
23	.22	6.5	1.2	4.1	3.5	1.1	.79	4.3	.35	.31	30	2.9
24	.10	1.1	1.2	42	2.4	1.0	.79	1.5	.34	.27	1.7	2.1
25	.11	.32	1.2	58	1.9	.97	.77	1.1	.48	.27	1.1	1.3
26	.14	.19	1.3	16	61	.95	.79	1.1	.42	.61	.95	.99
27	.16	10	12	6.8	160	.93	.81	.96	.35	.73	1.4	.94
28	.15	5.4	72	4.7	18	.92	.98	.90	.43	.58	1.6	.91
29	.15	.46	14	3.1	5.9	.87	.89	.86	.43	.40	2.0	.91
30	.14	.27	5.2	2.3	---	.83	.85	.81	.36	.38	.72	.91
31	.15	---	3.1	1.8	---	.83	---	.77	---	.37	.74	---
TOTAL	5.12	39.01	1254.70	333.9	695.6	75.20	89.73	63.61	17.61	12.41	71.59	46.99
MEAN	.17	1.30	40.5	10.8	24.0	2.43	2.99	2.05	.59	.40	2.31	1.57
MAX	1.5	10	550	58	160	22	39	23	.96	1.4	30	9.4
MIN	.07	.15	.15	1.1	1.6	.83	.70	.77	.34	.20	.37	.74

CAL YR 1983 TOTAL 6752.51 MEAN 18.5 MAX 816 MIN .06
WTR YR 1984 TOTAL 2705.47 MEAN 7.39 MAX 550 MIN .07

07377500 COMITE RIVER NEAR OLIVE BRANCH, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.10	---	1.68	1.77	1.56	---	1.63	1.40	1.24	1.44	1.31	---
2	1.11	---	1.56	1.69	1.56	---	1.68	1.38	1.24	1.36	1.28	---
3	1.10	---	1.55	1.62	1.81	---	3.28	1.38	1.24	1.34	1.29	---
4	1.10	---	2.65	1.58	2.80	---	3.93	1.37	1.24	1.33	1.40	---
5	1.10	---	2.05	1.53	2.04	---	2.27	1.37	1.25	1.31	1.39	---
6	1.09	---	1.76	1.50	1.79	3.87	1.95	1.35	1.25	1.29	1.34	---
7	1.09	1.12	2.54	1.48	1.69	2.46	1.84	1.34	1.25	1.28	1.60	---
8	1.09	1.10	1.77	1.46	1.62	2.02	2.14	1.43	1.25	1.65	1.37	---
9	1.09	1.10	1.58	1.46	1.60	1.87	2.35	1.40	1.24	1.98	1.62	---
10	1.09	1.09	1.51	2.18	2.91	1.78	1.93	1.36	1.25	1.38	1.57	---
11	---	1.08	5.77	2.32	2.52	1.72	1.83	1.32	1.25	1.31	1.59	---
12	---	1.08	5.17	1.88	3.57	1.72	1.90	1.31	1.24	1.40	1.56	---
13	---	1.09	2.87	1.75	6.84	1.81	1.72	1.31	1.33	1.66	1.41	---
14	---	1.10	2.25	1.67	6.13	2.39	1.65	1.31	1.30	1.98	1.71	---
15	---	1.14	2.08	1.80	2.67	1.92	1.60	1.30	1.52	2.06	1.55	---
16	---	1.11	1.83	2.90	3.91	1.76	1.56	1.30	2.71	1.45	1.60	---
17	---	1.11	1.72	2.21	4.27	1.68	1.54	1.29	1.64	2.48	1.36	---
18	---	1.09	1.64	2.97	2.59	1.63	1.53	1.28	1.50	1.57	1.31	---
19	---	1.11	1.58	4.31	2.26	1.78	1.51	1.29	1.74	1.38	1.29	---
20	---	2.42	1.54	2.90	---	2.83	1.50	1.34	1.48	1.33	1.59	---
21	---	2.85	1.52	2.21	---	2.26	1.48	1.38	1.38	1.30	1.54	---
22	---	1.50	1.75	2.00	---	1.89	1.46	1.79	1.33	1.28	1.34	---
23	---	1.97	2.06	1.88	---	1.77	1.45	1.66	1.30	1.27	1.51	---
24	---	3.58	1.65	1.93	---	2.02	1.44	1.43	1.29	1.26	2.64	---
25	---	2.05	1.52	2.12	---	3.83	1.43	1.35	1.32	1.26	---	---
26	---	1.54	1.47	1.96	--	2.68	1.42	1.33	1.28	1.31	---	---
27	---	1.95	1.70	1.82	5.79	2.01	1.42	1.32	1.27	1.38	---	---
28	---	4.25	3.94	1.73	4.86	1.87	1.42	1.31	1.27	1.28	---	---
29	---	3.60	3.46	1.67	2.62	1.79	1.42	1.29	2.48	1.34	---	---
30	---	1.93	2.18	1.63	---	1.71	1.41	1.28	1.74	2.11	---	---
31	---	---	1.88	1.59	---	1.66	---	1.25	---	1.42	---	---
MAX	---	4.25	5.77	4.31	6.84	3.87	3.93	1.79	2.71	2.48	2.64	---
MIN	---	---	1.47	1.46	1.56	1.63	1.41	1.25	1.24	1.26	1.28	---

07377755 WHITE BAYOU EAST DIVERSION CHANNEL NEAR BATON ROUGE, LA

LOCATION.--Lat 30°37'00", long 91°06'55", in SE1/4 lot 16, T.5 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near center of span on downstream side of bridge on State Highway 67 (Plank Road), 1.0 mi downstream from point of diversion, 2.16 mi upstream from mouth, and 6.5 mi northeast of terminal building at Ryan Airport, at Baton Rouge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1972 to current year.--Daily gage heights January 1965 to July 1972 published as "Stewart Swamp Diversion Canal near Fred, La." by Corps of Engineers, New Orleans district (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good above 10 ft^3/s and poor below.

AVERAGE DISCHARGE.--12 years, 10.7 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,660 ft^3/s Apr. 7, 1983; maximum gage height, 19.08 ft Apr. 22, 1977 (backwater from Comite River); no flow many days in most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 938 ft^3/s Dec. 11, gage height, 14.10 ft; no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.00	.08	.58	.38	.33	.02	.04	.03	.05	.00	.00
2	.01	.00	.06	.50	.35	.24	.06	.04	.03	.02	.01	.00
3	.02	.00	1.1	.44	4.6	.19	.50	.06	.03	.01	.07	14
4	.01	.04	.87	.31	2.0	.15	.20	.05	.06	.01	1.5	60
5	.01	.08	2.9	.28	1.1	.18	.10	.04	.05	.01	.55	20
6	.01	.02	26	.23	.80	.14	.07	.03	.02	.01	.25	.20
7	.01	.01	3.1	.25	.62	.09	.03	.04	.01	.01	.28	.05
8	.01	.01	.69	.29	.50	.08	.10	.27	.01	.01	.26	.02
9	.01	.01	.27	.81	3.9	.07	.40	.05	.01	.01	.05	.00
10	.01	.01	.44	3.2	53	.08	.20	.04	.02	.01	.02	.00
11	.01	.01	744	1.3	6.6	.08	.15	.03	.36	.01	.02	.00
12	.02	.00	542	.92	65	.11	.11	.03	.11	.01	.05	.00
13	.01	.01	13	.54	59	.10	.09	.02	.03	.03	.16	.00
14	.01	.02	3.4	.58	7.4	.07	.07	.02	.02	.06	.17	.00
15	.01	.10	1.2	2.2	1.7	.06	.07	.02	.49	.03	.07	.00
16	.01	.03	.71	1.7	3.3	.06	.08	.01	1.9	.12	.03	.00
17	.01	.01	.83	3.2	3.5	.05	.09	.01	.33	.07	.78	.00
18	.01	.01	.58	20	1.4	.05	.08	.02	.18	.02	.17	.00
19	.02	.77	.41	10	5.3	2.0	.09	.02	.05	.01	.03	.00
20	.01	.81	.36	1.4	4.3	2.3	.07	.23	.02	.01	.07	.00
21	.01	.09	.37	.70	4.1	.43	.05	.10	.01	.00	.04	.00
22	.17	.07	.39	.47	3.4	.15	.05	1.0	.01	.00	.02	.04
23	.02	3.1	.41	.60	3.2	.07	.04	.06	.01	.02	6.4	.02
24	.00	.99	.46	13	1.3	.03	.02	.03	.10	.01	.72	.00
25	.00	.19	.50	9.8	.69	1.0	.07	.02	.07	.00	.10	.00
26	.00	.09	.58	2.7	45	.50	.07	.01	.02	.28	.02	.00
27	.00	6.6	3.4	1.2	213	.30	.05	.01	2.4	.09	.01	.00
28	.00	7.5	15	.77	23	.17	.04	.01	.71	.01	1.7	.00
29	.00	.27	3.1	.58	.67	.09	.03	.01	.04	.01	.28	.00
30	.00	.12	1.2	.49	---	.05	.05	.02	.13	.02	.05	.00
31	.00	---	.75	.43	---	.03	---	.02	---	.00	.02	---
TOTAL	.43	20.97	1368.16	79.47	519.11	9.25	3.05	2.36	7.26	.96	13.90	94.33
MEAN	.01	.70	44.1	2.56	17.9	.30	.10	.08	.24	.03	.45	3.14
MAX	.17	7.5	744	20	213	2.3	.50	1.0	2.4	.28	6.4	60
MIN	.00	.00	.06	.23	.35	.03	.02	.01	.01	.00	.00	.00

CAL YR 1983	TOTAL 7748.44	MEAN	21.2	MAX	1430	MIN	.00
WTR YR 1984	TOTAL 2119.25	MEAN	5.79	MAX	744	MIN	.00

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07377842 WHITE BAYOU NEAR BAKER, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.88	4.15	4.18	4.31	4.12	4.46	4.04	3.99	3.88	4.00	3.87	3.88
2	3.91	4.15	4.17	4.26	4.12	4.31	4.36	3.99	3.87	3.96	4.03	3.89
3	3.92	4.15	4.50	4.20	5.53	4.23	5.11	4.03	3.87	3.92	4.01	3.95
4	3.93	4.31	5.25	4.10	5.15	4.18	4.42	4.04	3.98	3.89	5.31	4.75
5	3.96	4.59	4.70	4.10	4.60	4.19	4.13	3.98	4.11	3.87	4.41	4.91
6	3.96	4.23	9.25	4.05	4.36	4.18	4.05	3.98	3.99	3.86	4.69	4.37
7	3.96	4.22	5.63	4.04	4.22	4.15	4.01	4.00	3.92	3.85	4.13	3.93
8	3.97	4.20	4.64	4.05	4.21	4.14	6.20	4.51	3.88	3.87	3.99	3.84
9	3.97	4.19	4.24	4.30	4.63	4.11	5.56	4.20	3.87	3.86	3.93	3.82
10	3.98	4.24	4.25	5.44	9.15	4.09	4.60	4.01	3.87	3.85	3.91	3.82
11	3.98	4.24	14.15	4.80	5.77	4.11	4.27	3.96	3.94	3.85	3.90	3.83
12	4.24	4.27	12.32	4.44	7.01	4.16	4.16	3.92	4.07	3.85	3.88	3.85
13	4.16	4.26	8.34	4.26	7.24	4.21	4.11	3.93	3.96	3.96	4.45	3.85
14	4.00	4.29	5.25	4.35	5.09	4.14	4.09	3.92	3.92	4.07	4.24	3.85
15	3.99	4.61	4.69	4.91	4.63	4.14	4.07	3.92	3.93	4.04	4.02	3.87
16	4.08	4.47	4.43	5.06	5.06	4.13	4.04	3.92	4.20	4.30	3.88	3.88
17	4.05	4.40	4.45	5.19	4.73	4.11	4.05	3.92	4.29	4.46	3.94	3.86
18	4.04	4.38	4.35	6.95	4.43	4.11	4.03	3.91	4.33	---	3.86	3.87
19	4.03	4.68	4.32	6.31	5.21	4.85	4.03	3.88	4.07	3.87	3.83	3.88
20	4.04	5.59	4.20	4.93	5.21	5.73	4.04	4.26	3.95	3.85	3.93	3.90
21	4.05	4.43	4.15	4.54	4.89	4.60	4.09	4.41	3.90	3.85	3.89	3.89
22	4.83	4.29	4.13	4.44	4.67	4.28	4.05	5.52	3.89	3.96	3.88	4.04
23	4.23	5.35	4.12	4.45	4.44	4.06	4.03	4.45	3.89	3.94	5.98	4.38
24	4.02	4.89	4.10	6.08	4.32	4.08	4.02	4.10	3.90	3.89	4.27	4.28
25	4.04	4.40	4.11	6.97	4.25	4.05	3.99	3.99	4.05	3.86	4.09	4.14
26	4.11	4.24	4.12	5.33	5.66	4.05	4.00	3.97	4.00	4.15	3.98	3.97
27	4.16	5.52	4.98	4.70	9.52	4.05	4.01	3.95	3.94	4.26	---	3.94
28	4.14	5.54	7.44	4.50	5.47	4.05	4.12	3.94	4.02	4.14	---	3.91
29	4.14	4.55	5.29	4.34	4.70	4.02	4.05	3.92	4.04	3.95	---	3.92
30	4.14	4.35	4.65	4.23	---	4.01	4.01	3.90	3.99	3.91	---	3.91
31	4.14	---	4.41	4.16	---	4.02	---	3.89	---	3.89	---	---
MAX	4.83	5.59	14.15	6.97	9.52	5.73	6.20	5.52	4.33	4.46	5.98	4.91
MIN	3.88	4.15	4.10	4.04	4.12	4.01	3.99	3.88	3.87	3.85	---	3.82

07378000 COMITE RIVER NEAR COMITE, LA

LOCATION.--Lat 30°30'45", long 91°04'25", on line between lots 24 and 44, T.6 S., R. 1 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070202, near left bank on downstream side of bridge on State Highway 946, 0.5 mi downstream from Blackwater Bayou, and 2.6 mi west of Comite.

DRAINAGE AREA.--284 mi². See REMARKS.

PERIOD OF RECORD.--March 1944 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 23.85 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Apr. 22, 1946, nonrecording gage at same site. Prior to Oct. 1, 1962, at datum 5.00 ft higher. Prior to Oct. 1, 1978, at datum 2.00 ft higher.

REMARKS.--Records fair.

AVERAGE DISCHARGE.--40 years, 469 ft^3/s, 22.43 in/yr. The figures published in the 1983 report were in error; the correct figures are 39 years, 473 ft^3/s, 22.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,000 ft^3/s Apr. 7, 1983; maximum gage height, 30.64 ft May 19, 1953, present datum (prior to dredging August 1961); minimum discharge, 28 ft^3/s Aug. 1, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 11	1330	*10300	*20.44

Minimum discharge, 53 ft^3/s Sept. 14, 19, 20, 21, 29, 30; minimum gage height, 0.97 ft, Sept. 14, 30.

CORRECTIONS.--Corrected figures of discharge, in cubic feet per second for water year 1983, superseding figures published in WDR-LA-83-2, are given below:

Date	Discharge	Date	Discnarge	Date	Discharge	Date	Discharge
Apr. 14	2940	May 24	1170	June 25	2240	Aug. 2	7370
15	2400	June 7	1280	26	1080	3	7260
16	846	8	1180	27	1160	4	4650
May 21	1690	9	605	28	1440	5	1160
22	9720	23	1200	July 6	1680	6	905
23	5580	24	1890	7	1130		

Month	Total	Mean	Max	Min	Per square mile	Inches
Apr.	105932	3531	34400	123	12.4	13.88
May	22575	728	9720	91	2.56	2.96
June	17787	593	2240	175	2.09	2.33
July	6904	223	1680	8[illegible]	.79	.90
Aug.	27398	884	7370	[illegible]	3.11	3.59

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 22	1415	11700	21.94	Aug. 2	1530	8690	18.89

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	68	179	189	144	496	164	82	72	118	78	69
2	72	68	137	160	139	350	162	82	71	95	71	68
3	71	68	130	143	244	288	492	83	72	84	74	68
4	71	69	504	131	513	254	963	82	73	78	74	993
5	70	78	418	122	418	239	531	82	77	74	128	546
6	70	72	1190	116	247	679	246	82	72	72	100	101
7	69	72	457	111	189	679	189	81	71	72	115	71
8	69	69	270	105	168	361	513	107	71	77	138	64
9	68	69	150	111	214	268	653	95	71	190	132	60
10	68	68	121	391	2160	230	242	87	71	134	105	58
11	68	68	8220	337	960	210	145	82	79	84	89	58
12	79	68	6390	296	1280	208	135	79	79	76	397	57
13	76	68	1610	182	3670	232	124	78	75	97	171	55
14	70	69	662	157	2970	313	106	78	79	177	150	55
15	69	79	429	234	1160	362	98	78	96	365	145	56
16	68	75	308	531	934	246	94	77	809	188	115	55
17	68	70	247	525	1400	222	90	76	305	256	100	55
18	67	69	201	873	733	215	88	76	136	211	81	54
19	67	92	171	1550	446	383	86	76	128	102	72	54
20	67	352	154	883	407	841	84	99	115	83	103	54
21	67	702	143	416	370	567	82	112	91	76	298	54
22	92	264	159	286	307	292	81	345	82	72	125	56
23	127	378	234	225	250	206	80	175	77	74	484	60
24	171	930	197	410	206	178	80	119	75	70	513	67
25	92	577	153	778	183	540	79	93	75	69	267	95
26	76	191	138	460	531	733	80	86	75	70	112	66
27	72	373	334	301	4570	296	90	83	81	81	102	57
28	71	1400	1460	220	2140	210	81	80	121	79	95	54
29	70	1050	1190	182	949	180	81	77	89	73	97	53
30	69	394	407	164	---	171	82	76	281	104	75	53
31	69	---	266	151	---	168	---	74	---	131	70	---
TOTAL	2377	7970	26629	10740	28002	10617	6011	2982	3669	3532	4676	3266
MEAN	76.7	266	859	346	966	342	200	96.2	122	114	151	109
MAX	171	1400	8220	1550	4570	841	963	345	809	365	513	993
MIN	67	68	121	105	139	168	79	74	71	69	70	53
CFSM	.27	.94	3.02	1.22	3.40	1.20	.70	.34	.43	.40	.53	.38
IN.	.31	1.04	3.49	1.41	3.67	1.39	.79	.39	.48	.46	.61	.43

CAL YR 1983 TOTAL 337730 MEAN 925 MAX 34400 MIN 67 CFSM 3.26 IN. 44.24

WTR YR 1984 TOTAL 110471 MEAN 302 MAX 8220 MIN 53 CFSM 1.06 IN. 14.47

07378000 COMITE RIVER NEAR COMITE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1.02	1.97	1.82	1.38	2.77	1.61	1.32	1.21	1.64	1.28	1.14
2	---	1.02	1.68	1.64	1.33	2.24	1.60	1.32	1.20	1.45	1.20	1.12
3	---	1.02	1.62	1.51	2.29	1.98	3.13	1.33	1.22	1.34	1.24	1.11
4	---	1.03	3.33	1.43	3.21	1.83	5.18	1.32	1.23	1.27	1.23	5.08
5	1.07	1.17	3.04	1.36	2.75	1.76	3.30	1.32	1.26	1.24	1.72	3.54
6	1.06	1.10	5.96	1.31	1.95	3.59	2.05	1.32	1.21	1.22	1.49	1.63
7	1.05	1.10	3.21	1.27	1.67	3.70	1.76	1.31	1.20	1.21	1.61	1.31
8	1.04	1.05	2.40	1.22	1.54	2.28	3.04	1.55	1.19	1.26	1.79	1.20
9	1.03	1.02	1.77	1.27	1.68	1.90	3.87	1.45	1.19	2.02	1.75	1.14
10	1.02	1.02	1.55	2.73	9.23	1.72	2.39	1.37	1.20	1.75	1.54	1.11
11	1.01	1.01	17.69	3.41	5.08	1.62	1.85	1.32	1.29	1.34	1.39	1.09
12	1.16	1.01	16.26	2.32	5.85	1.61	1.78	1.29	1.29	1.25	2.94	1.07
13	1.15	1.02	7.36	1.78	12.78	1.73	1.69	1.28	1.24	1.45	2.00	1.04
14	1.07	1.03	3.92	1.61	11.51	2.07	1.55	1.28	1.29	2.07	1.87	1.03
15	1.05	1.17	2.96	2.01	5.87	2.28	1.48	1.27	1.46	2.88	1.83	1.05
16	1.02	1.13	2.37	3.37	4.95	1.79	1.44	1.27	4.40	2.08	1.62	1.03
17	1.01	1.07	2.11	3.38	6.82	1.68	1.40	1.26	2.62	2.40	1.49	1.02
18	1.00	1.04	1.88	4.70	4.17	1.65	1.38	1.26	1.73	2.18	1.31	1.01
19	1.00	1.20	1.71	7.32	2.90	2.24	1.36	1.26	1.72	1.52	1.22	.99
20	.99	2.78	1.59	4.80	2.70	4.68	1.34	1.47	1.62	1.33	1.48	.99
21	.99	4.05	1.52	2.75	2.51	3.51	1.32	1.59	1.41	1.25	2.62	1.00
22	1.27	2.35	1.62	2.13	2.23	2.26	1.31	2.85	1.32	1.21	1.69	1.06
23	1.59	2.75	2.04	1.85	1.97	1.86	1.30	2.04	1.27	1.23	3.04	1.15
24	1.89	4.99	1.85	2.59	1.76	1.71	1.29	1.65	1.24	1.18	3.43	1.24
25	1.31	3.58	1.59	4.42	1.64	3.32	1.29	1.43	1.24	1.16	2.47	1.57
26	1.15	2.03	1.48	2.97	2.63	4.17	1.30	1.36	1.24	1.17	1.59	1.24
27	1.10	2.68	2.28	2.20	14.02	2.27	1.30	1.33	1.30	1.31	1.50	1.07
28	1.08	6.81	7.00	1.83	9.05	1.88	1.31	1.30	1.65	1.29	1.44	1.01
29	1.06	5.50	6.01	1.63	5.02	1.72	1.31	1.27	1.37	1.22	1.46	.99
30	1.04	2.92	3.21	1.51	---	1.66	1.32	1.25	2.54	1.48	1.24	.98
31	1.03	---	2.19	1.42	---	1.64	---	1.23	---	1.73	1.18	---
MAX	1.89	6.81	17.69	7.32	14.02	4.68	5.18	2.85	4.40	2.88	3.43	5.08
MIN	.99	1.01	1.48	1.22	1.33	1.61	1.29	1.23	1.19	1.16	1.18	.98

07378050 COMITE RIVER AT GREENWELL SPRINGS ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°30'20", long 90°02'2 ", on line between secs, 51 and 52, T. 6 S., R. 2 E., East Baton Rouge Parish, Hydrologic Unit 08070202, at bridge on Greenwell Springs Road, 2.9 mi downstream from gaging station Comite River near Comite (station 07378000), 5.0 mi northeast of Baton Rouge city limits, and 9.4 mi northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Annual maximum elevation, water years 1962-81. October 1981 to current year (elevations only).

GAGE.--Water-stage recorder. Datum is National Geodetic Vertical Datum of 1929. Non-recording gage at same site and datum.

REMARKS.--No elevations recorded below 20.11 ft, elevation was below lowest recordable elevation of 20.11 ft, Oct. 1-23, 25 to Nov. 19, Jan. 8, 9, Mar. 19, 31, Apr. 1, 2, 14-30, May 1-20, 24-31, June 1-15, 19-27, 29, July 1-9, 11-13, 19-30, Aug. 1-4, 7, 10, 11, 14, 16-20, 23, 26-31, Sept. 1-3, 7-30.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 49.42 ft Apr. 7, 1983, from floodmark; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 38.93 ft Dec. 11; minimum not determined.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			20.77	20.93	20.17	23.57						
2			20.4	20.66	20.11	21.38						
3			20.21	20.50	20.93	20.97	21.28					
4			21.57	20.38	21.36	20.72	24.02					22.01
5			22.20	20.31	21.94	20.59	23.00				20.37	23.32
6			27.19	20.23	20.80	20.71	20.81				20.15	20.18
7			22.01	20.17	20.42	23.73	20.34					
8			21.44		20.23	21.60	20.29				20.70	
9			20.52		20.13	20.83	22.95				20.20	
10			20.22	21.69	31.18	20.52	21.30			20.35		
11			36.89	22.83	25.90	20.36	20.50					
12			37.84	21.48	22.50	20.25	20.24				20.62	
13			30.05	20.74	32.70	20.36	20.24				21.06	
14			25.10	20.56	32.52	20.49				20.57		
15			22.48	20.68	28.49	21.32				20.76	20.47	
16			21.63	21.84	26.67	20.47			22.51	20.75		
17			---	22.54	27.48	20.24			21.59	21.01		
18			---	23.58	25.05	20.13			20.15	21.06		
19			---	27.30	22.27							
20		22.68	20.54	25.22	22.05	23.72						
21		23.08	20.42	22.22	21.72	23.03		20.18			21.02	
22		21.39	20.41	21.19	21.23	21.16		25.40			20.25	
23		20.23	20.78	20.82	20.88	20.54		20.71				
24	20.78	23.10	20.88	20.80	20.59						21.84	
25		23.28	20.45	24.37	20.40	21.24		20.04			21.30	
26		20.81	20.30	22.34	20.29	23.79						
27		20.37	20.25	21.27	34.00	21.17						
28		25.58	27.56	20.78	30.63	20.54			20.54			
29		24.84	26.65	20.52	27.29	20.30						
30		22.23	24.16	20.37	---	20.15			21.55			
31		---	21.88	20.25	---		---		---	20.38		---
MAX	20.78	25.58	37.84	27.30	34.00	23.79	24.02	25.40	22.51	21.06	21.84	23.32
MIN	---	---	20.21	---	20.11	---	---	---	---	---	---	---

BEST COPY AVAILABLE

07378083 BEAVER BAYOU AT HOOPER ROAD, NEAR BATON ROUGE, LA

LOCATION.--Lat 30°33'39", long 91°01'15", in sec. 4, T. 6 S., R. 2 E., St. Helena meridian, East Baton Rouge Parish, Hydrologic Unit 08070207, near center of box culvert on downstream side of State Highway 408, 1,200 ft east of Roundsville Road, and 8.6 mi northeast of Baton Rouge Post Office.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--March 1982 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 50.00 ft National Geodetic Vertical Datum of 1929 (levels by East Baton Rouge Parish, Department of Public Works).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.98 ft Apr. 6, 1983; minimum, 3.25 ft Sept. 6, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.90 ft Dec. 11, from floodmark; minimum, 3.34 ft Sept. 20, 21.

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.76	3.79	4.14	4.13	4.08	4.12	3.62	3.71	3.74	3.77	3.54	3.46
2	3.77	3.76	4.06	4.12	4.07	4.10	3.84	3.67	3.74	3.70	3.55	3.44
3	3.77	3.78	---	4.08	4.91	4.01	4.40	3.71	3.70	3.64	3.66	3.44
4	3.78	3.96	---	4.01	4.52	3.81	3.94	3.73	3.70	3.70	3.66	3.53
5	3.77	4.26	---	3.97	4.23	3.92	3.84	3.72	3.74	3.70	3.96	3.81
6	3.76	4.05	---	4.03	4.11	3.91	3.80	3.72	3.74	3.68	3.89	3.59
7	3.76	4.03	---	4.01	4.05	3.84	3.72	3.75	3.73	3.67	4.01	3.48
8	3.75	4.05	---	3.95	4.02	3.78	4.67	3.89	3.71	3.63	4.26	3.45
9	3.74	4.05	---	4.28	4.30	3.80	4.43	3.85	3.70	3.63	3.72	3.44
10	3.75	4.04	---	5.35	8.51	3.72	4.00	3.83	3.69	3.67	3.60	3.43
11	3.76	4.04	---	4.46	4.87	3.68	3.86	3.83	3.70	3.67	3.58	3.42
12	4.03	4.02	---	4.22	6.71	3.75	3.78	3.84	3.71	3.72	3.72	3.41
13	3.99	4.06	4.78	4.12	5.66	3.95	3.72	3.81	3.70	3.77	4.21	3.42
14	3.88	4.06	4.70	4.22	4.50	3.85	3.68	3.80	3.68	4.48	3.85	3.43
15	3.83	4.35	4.38	4.65	4.28	3.81	3.65	3.77	3.68	4.94	3.62	3.47
16	3.80	4.15	4.22	4.61	5.06	3.79	3.73	3.73	3.77	3.95	3.57	3.42
17	3.79	4.11	4.34	4.73	4.45	3.73	3.63	3.70	3.78	3.91	3.62	3.39
18	3.77	3.97	4.22	6.04	4.23	3.71	3.59	3.69	3.91	3.65	3.68	3.38
19	3.76	4.22	4.23	5.13	4.32	4.37	3.59	3.69	4.03	3.57	3.57	3.39
20	3.74	5.42	4.12	4.44	4.56	4.93	3.75	3.95	3.72	3.55	5.51	3.36
21	3.79	4.34	4.10	4.28	4.50	4.16	3.67	4.00	3.83	3.58	4.41	3.36
22	4.02	4.11	4.11	4.17	4.28	3.95	3.56	5.58	3.86	3.66	3.87	3.49
23	4.01	6.11	4.01	4.16	4.14	3.87	3.53	4.15	3.80	3.90	3.79	3.69
24	3.84	5.13	3.99	4.96	4.10	3.78	3.54	3.87	3.78	3.72	4.23	3.73
25	3.79	4.41	4.00	5.56	3.99	3.77	3.53	3.85	3.71	3.68	3.73	3.67
26	3.74	4.20	3.99	4.61	5.22	3.81	3.52	3.94	3.63	3.69	3.64	3.70
27	3.75	5.58	5.33	4.35	7.16	3.89	3.53	3.84	3.70	3.68	3.65	3.72
28	3.73	5.25	6.85	4.22	4.58	3.79	3.55	3.95	4.05	3.91	3.58	3.68
29	3.73	4.43	4.77	4.14	4.31	3.73	3.61	3.78	3.86	3.90	3.54	3.64
30	3.73	4.23	4.33	4.14	---	3.72	3.62	3.73	3.62	3.67	3.53	3.61
31	3.77	---	4.20	4.08	---	3.71	---	3.70	---	3.55	3.51	---
MAX	4.03	6.11	---	6.04	8.51	4.93	4.67	5.58	4.05	4.94	5.51	3.81
MIN	3.73	3.76	3.99	3.95	3.99	3.68	3.52	3.67	3.62	3.55	3.51	3.36

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA

LOCATION.--Lat 30°27'50", long 90°59'25", in lot 2, T. 7 S., R. 2 E., St. Helena meridian, East Baton Rouge-Livingston Parish line, Hydrologic Unit 08070202, on downstream side of bridge on U.S. Highway 190, 1,000 ft downstream from Comite River, 2.3 mi southwest of town of Denham Springs, and 15 mi east of Baton Rouge.

DRAINAGE AREA.--1,280 mi^2.

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 1920: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Sept. 1, 1938, to Aug. 8, 1939, non-recording gage at same site. Prior to Oct. 1, 1977, at datum 3.87 ft higher. Water-stage recorder for Amite River at 4-H Camp, near Denham Springs (station 07378510) used as auxiliary gage for this station from October 1945 to September 1983.

REMARKS.--Records good. Since 1957, considerable flow from 46 mi^2 diverted from basin.

AVERAGE DISCHARGE.--46 years, 2,015 ft^3/s, 21.38 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 112,000 ft^3/s Apr. 8, 1983, elevation, 41.50 ft from floodmark, present datum; minimum daily discharge, 271 ft^3/s Oct. 17, 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 12,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Elevation (ft)	Date	Time	Discharge (ft^3/s)	Elevation (ft)
Dec. 12	1400	*23600	*27.91	Feb. 28	1300	14500	25.90
Feb. 15	0030	19200	26.97				

Minimum discharge, 402 ft^3/s Sept. 30, elevation, 10.45 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	554	483	1380	2770	1100	6370	1070	637	656	922	672	502
2	548	484	1040	1960	1050	3120	1020	633	656	738	542	483
3	542	483	924	1680	1410	2270	1480	634	656	773	577	471
4	538	489	1230	1500	2020	1970	4110	631	652	718	576	1330
5	542	564	1670	1370	2330	1800	4510	649	660	652	757	2330
6	539	550	3040	1280	1730	2510	2600	690	656	596	774	1050
7	517	582	2660	1200	1340	4910	1660	632	652	615	737	677
8	510	528	1740	1140	1170	4840	2040	699	652	618	1080	585
9	511	500	1290	1150	1100	3230	3270	706	652	745	1060	520
10	509	487	1030	2170	6320	2090	2420	890	652	857	1500	494
11	503	476	10700	2610	6910	1750	2330	853	630	687	986	473
12	617	472	22300	2190	4710	1590	1720	690	714	594	1700	458
13	622	479	15800	1750	9770	1520	1370	641	522	630	1960	449
14	545	489	7360	1520	17000	2400	1150	631	544	783	1210	442
15	529	547	3420	1570	17600	3260	1010	619	544	1130	1120	508
16	518	543	2320	2200	12200	2060	922	609	1340	1580	1030	442
17	516	504	1980	2860	8500	1660	872	602	1560	1810	1090	432
18	506	491	1690	3510	7310	1470	839	603	1030	1590	939	423
19	502	510	1500	5670	4980	1570	803	607	992	1090	742	411
20	499	1400	1360	6400	3470	2860	783	684	1090	767	1170	416
21	493	1490	1260	4560	2820	2660	762	823	894	650	1290	418
22	542	1400	1220	2630	2370	1860	747	1720	687	590	814	441
23	647	1460	1330	1990	2050	1460	719	1090	592	566	1000	521
24	769	2380	1900	1940	1790	1270	688	934	574	523	1750	529
25	629	2750	1720	3500	1600	1610	673	761	611	513	1400	566
26	557	1680	1350	3060	1800	4310	657	695	574	718	923	536
27	504	1410	1710	2130	9060	3610	659	683	749	657	751	446
28	493	2800	5440	1710	14100	2090	658	668	1070	612	707	420
29	488	3700	7550	1470	11400	1570	658	660	865	671	670	407
30	488	2480	7150	1310	---	1320	653	656	1390	603	604	404
31	487	---	5010	1190	---	1170	---	656	---	824	542	---
TOTAL	16764	32611	120074	71990	159010	76180	42853	22686	23516	24822	30673	17584
MEAN	541	1087	3873	2322	5483	2457	1428	732	784	801	989	586
MAX	769	3700	22300	6400	17600	6370	4510	1720	1560	1810	1960	2330
MIN	487	472	924	1140	1050	1170	653	602	522	513	542	404
CFSM	.42	.85	3.03	1.81	4.28	1.92	1.12	.57	.61	.63	.77	.46
IN.	.49	.95	3.49	2.09	4.62	2.21	1.25	.66	.68	.72	.89	.51

CAL YR 1983 TOTAL 1465019 MEAN 4014 MAX 105000 MIN 472 CFSM 3.14 IN. 42.58
WTR YR 1984 TOTAL 638763 MEAN 1745 MAX 22300 MIN 404 CFSM 1.36 IN. 18.56

07378500 AMITE RIVER NEAR DENHAM SPRINGS, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.26	11.03	13.54	15.79	12.55	21.09	12.56	11.47	11.27	11.88	11.23	10.77
2	11.24	11.03	12.70	14.24	12.41	16.47	12.45	11.45	11.27	11.42	10.89	10.72
3	11.22	11.03	12.38	13.66	13.19	14.92	13.45	11.45	11.27	11.51	10.98	10.69
4	11.21	11.05	13.16	13.29	14.45	14.33	18.07	11.43	11.26	11.36	10.98	12.70
5	11.22	11.29	14.19	13.02	15.06	13.99	18.73	11.47	11.27	11.19	11.45	14.89
6	11.21	11.25	16.97	12.81	13.89	15.35	15.61	11.57	11.26	11.04	11.49	12.16
7	11.14	11.35	16.27	12.65	13.08	19.31	13.85	11.42	11.25	11.09	11.39	11.24
8	11.12	11.17	14.34	12.52	12.69	19.22	14.55	11.58	11.25	11.10	12.23	11.00
9	11.12	11.08	13.32	12.54	12.53	16.64	16.79	11.59	11.25	11.42	12.18	10.83
10	11.11	11.04	12.69	14.69	21.00	14.56	15.30	12.04	11.24	11.70	13.18	10.75
11	11.09	11.00	23.15	15.54	21.82	13.90	15.15	11.94	11.18	11.27	12.01	10.69
12	11.45	10.99	27.65	14.72	18.98	13.56	14.00	11.53	11.39	11.03	13.56	10.65
13	11.47	11.01	26.13	13.86	23.90	13.43	13.31	11.39	10.89	11.12	14.16	10.63
14	11.23	11.05	22.09	13.39	26.49	15.13	12.84	11.35	10.94	11.51	12.53	10.60
15	11.18	11.24	16.92	13.49	26.63	16.71	12.52	11.31	10.94	12.35	12.34	10.79
16	11.14	11.22	14.91	14.76	25.14	14.49	12.31	11.27	12.82	13.35	12.11	10.60
17	11.14	11.09	14.21	16.02	23.34	13.71	12.18	11.26	13.35	13.85	12.26	10.57
18	11.10	11.05	13.62	17.13	22.26	13.31	12.08	11.25	12.16	13.37	11.90	10.53
19	11.09	11.11	13.22	20.33	19.39	13.52	12.00	11.25	12.08	12.25	11.41	10.48
20	11.08	13.55	12.90	21.25	17.10	16.05	11.94	11.44	12.13	11.47	12.39	10.50
21	11.06	13.77	12.69	18.79	15.92	15.68	11.87	11.79	11.83	11.17	12.72	10.51
22	11.22	13.58	12.59	15.60	15.11	14.16	11.83	13.72	11.31	11.01	11.59	10.60
23	11.55	13.64	12.84	14.38	14.48	13.37	11.75	12.36	11.06	10.95	12.00	10.83
24	11.93	15.70	14.08	14.29	13.97	12.97	11.66	11.99	11.00	10.83	13.73	10.85
25	11.49	16.45	13.70	17.15	13.60	13.66	11.61	11.56	11.10	10.81	12.94	10.95
26	11.27	14.21	12.91	16.38	13.95	18.43	11.56	11.39	11.00	11.35	11.86	10.87
27	11.09	13.59	13.64	14.67	23.30	17.33	11.55	11.35	11.45	11.19	11.43	10.61
28	11.06	16.53	20.02	13.84	25.78	14.64	11.55	11.31	12.24	11.07	11.32	10.52
29	11.04	18.28	22.51	13.35	24.81	13.63	11.54	11.29	11.74	11.23	11.23	10.47
30	11.04	15.89	22.08	13.02	---	13.11	11.52	11.28	12.96	11.05	11.05	10.46
31	11.04	---	19.44	12.75	---	12.78	---	11.28	---	11.61	10.88	---
MAX	11.93	18.28	27.65	21.25	26.63	21.09	18.73	13.72	13.35	13.85	14.16	14.89
MIN	11.04	10.99	12.38	12.52	12.41	12.78	11.52	11.25	10.89	10.81	10.88	10.46

07378510 AMITE RIVER AT 4-H CAMP, NEAR DENHAM SPRINGS, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°26'30", long 90°58'20", in lot 41, T. 7 S., R. 2 E., St. Helena meridian, Livingston Parish, Hydrologic Unit 08070202, on left bank, 3.0 mi downstream from gaging station Amite River near Denham Springs (station 07378500), 3.0 mi southwest of town of Denham Springs, and 3.2 mi downstream from Comite River.

DRAINAGE AREA.--1,290 mi^2, approximately.

PERIOD OF RECORD.--Water years 1944, 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1973 to April 1979, March 1981 to September 1981.
WATER TEMPERATURES: March 1973 to April 1979, March 1981 to September 1981.

INSTRUMENTATION.--Water-quality monitor March 1973 to April 1980.

REMARKS.--Lower limit of specific conductance sensor is 28 micromhos. Probes located 3.0 ft above bottom of river. Discharge data are available for Amite River near Denham Springs (station 07378500), 3.0 mi upstream.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 184 micromhos May 5, 1978; minimum, 28 micromhos or lower on several days during spring of 1973-1977.
WATER TEMPERATURES: Maximum, 34.5°C June 25, 26, 1978; minimum, 7.0°C Jan. 3, 19, 20, Feb. 1, 1977.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A specific conductance of 335 micromhos was observed on Apr. 4, 1983; a specific conductance of 17 micromhos was observed on Mar. 28, 1973.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DISCHARGE, IN CUBIC FEET PER SECOND (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 11...	1015	503	59	6.6	24.5	10	8.5	7.9	.6	110	250
JAN 03...	1330	1680	53	5.7	8.5	80	35	11.0	2.8	280	320
APR 20...	0915	783	58	7.2	20.5	20	15	8.4	1.1	74	740
JUL 18...	1035	1590	43	6.8	27.5	60	65	6.8	1.4	1200	630

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT 11...	12	3.0	1.2	6.7	1.2	17	3.3	6.6	<.1
JAN 03...	12	2.7	1.2	4.7	2.0	11	4.0	6.1	<.1
APR 20...	13	3.1	1.2	5.4	1.3	14	2.3	6.5	<.1
JUL 18...	8	1.9	.73	3.5	2.0	9	2.6	4.1	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT 11...	13	--	45	.15	.19	.6	.07	--	.05
JAN 03...	11	52	39	.22	.12	.8	.11	.03	.02
APR 20...	11	47	39	.10	.03	1.0	.07	.02	.01
JUL 18...	6.7	40	27	.30	.26	.5	.14	.05	.05

< Actual value is known to be less than the value shown.

07378510 AMITE RIVER AT 4-H CAMP NEAR DENHAM SPRINGS, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)
OCT 11...	30	1	26	<.5	<1	<1	<3	4	230	2
JAN 03...	<10	<1	58	<.5	1	<1	<3	1	230	1
APR 20...	<10	1	36	<1	1	<1	<3	1	320	2
JUL 18...	40	1	23	1	<1	<1	<3	2	110	2

DATE	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGANESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELENIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRONTIUM, DIS-SOLVED (UG/L AS SR)	VANADIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 11...	<4	180	<.1	<10	2	<1	2	27	<6	4
JAN 03...	<4	300	<.1	<10	2	<1	<1	24	<6	6
APR 20...	<4	170	<.1	<10	<1	<1	<1	29	<6	6
JUL 18...	5	16	.2	<10	1	<1	1	18	<6	14

DATE	SEDIMENT, SUS-PENDED (MG/L)	SEDIMENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 11...	40	54	75
JAN 03...	61	277	96
APR 20...	32	68	68
JUL 18...	78	335	96

< Actual value is known to be less than the value shown.

07380108 BAYOU MANCHAC AT MOUTH, NEAR PORT VINCENT, LA

LOCATION.--Lat 30°20'43", long 90°53'35", in lot 18, T.8 S., R.3 E., Ascension Parish, Hydrologic Unit 08070202, on right bank 100 ft upstream from mouth, 2.6 mi northwest of Port Vincent, and 5.0 mi downstream from Clay Cut Bayou.

DRAINAGE AREA.--153 mi^2.

PERIOD OF RECORD.--Annual maximum elevation, water years 1972-74, October 1974 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to October 1974 at datum 1.00 ft higher.

REMARKS.--No elevations recorded below 1.25 ft. Elevations affected by tide below about 3.0 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 18.85 ft Apr. 8, 1983, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.02 ft Dec. 13, minimum not determined.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.62	1.98	1.74	1.62	1.70	3.88	1.30	1.33	1.51	1.31	2.30	1.31
2	1.59	2.29	1.81	1.30	1.70	2.08	1.29	1.62	1.35	1.31	2.54	1.31
3	1.72	2.17	1.78	1.30	1.70	1.33	1.70	1.50	1.32	1.31	2.80	1.31
4	1.93	1.80	1.60	1.30	1.69	1.32	1.37	1.32	1.32	1.31	2.37	1.31
5	1.81	1.52	1.59	1.30	1.69	1.35	1.30	1.60	1.33	1.31	2.22	1.51
6	1.41	1.73	1.70	1.29	1.69	1.34	1.30	1.84	1.65	1.30	2.04	1.56
7	1.88	1.88	1.49	1.29	1.68	1.34	1.30	1.83	1.92	1.30	1.75	1.87
8	1.86	2.07	1.31	1.29	1.68	1.39	1.29	1.62	2.03	1.31	1.84	2.40
9	1.75	2.00	1.31	1.29	1.68	1.32	1.89	1.31	2.00	1.31	1.56	2.60
10	1.76	1.58	1.31	1.98	2.59	1.31	1.67	1.31	2.16	1.32	1.49	2.19
11	2.11	1.31	2.31	1.37	3.12	1.31	1.74	1.30	2.21	1.31	1.32	1.64
12	2.51	1.30	3.71	1.30	3.25	1.31	2.17	1.30	2.17	1.31	1.32	1.35
13	2.27	1.30	5.46	1.63	3.89	1.73	2.02	1.30	1.92	1.31	1.32	1.31
14	1.72	1.30	5.76	1.96	4.20	1.74	1.52	1.30	1.85	1.31	1.40	1.32
15	2.02	1.31	3.59	1.83	5.24	1.96	1.31	1.29	1.57	1.36	1.32	1.31
16	2.00	1.31	1.31	1.80	5.98	1.67	1.30	1.30	2.14	1.31	1.32	1.45
17	2.10	1.30	1.71	1.81	5.29	1.54	1.30	1.70	2.16	1.63	1.32	1.84
18	2.04	1.30	1.92	2.08	4.16	1.34	1.30	1.96	2.20	1.50	1.31	2.36
19	2.02	1.60	1.82	2.01	3.38	1.57	1.29	2.05	2.07	1.32	1.31	2.55
20	2.20	2.12	1.64	2.78	2.56	2.12	1.29	2.01	1.76	1.49	1.32	2.74
21	2.24	1.81	1.70	2.71	2.19	1.32	1.32	2.14	1.39	1.31	1.32	3.03
22	2.18	2.08	1.85	2.04	2.12	1.31	1.76	2.30	1.32	1.31	1.32	3.33
23	1.95	2.16	1.48	2.11	1.61	1.31	1.31	2.38	1.32	1.31	1.32	3.44
24	1.59	2.24	1.31	2.21	1.61	1.65	1.31	1.85	1.32	1.81	1.50	3.29
25	1.45	1.94	1.31	2.39	1.60	1.45	1.30	1.67	1.32	2.03	1.51	3.04
26	1.32	1.71	1.30	2.42	1.74	1.52	1.30	1.43	1.31	2.00	1.52	2.77
27	1.31	2.09	1.30	2.14	3.77	1.96	1.88	1.35	1.32	1.93	1.41	2.33
28	1.32	2.09	3.53	1.84	4.10	1.69	1.85	1.33	1.61	1.84	1.43	1.86
29	1.32	1.44	3.48	1.72	4.45	1.31	1.93	1.32	1.31	1.90	1.51	1.45
30	1.32	1.52	3.32	1.71	---	1.30	1.80	1.35	1.31	2.09	1.40	1.32
31	1.32	---	2.64	1.71	---	1.30	---	1.67	---	2.20	1.31	---
MAX	2.51	2.29	5.76	2.78	5.98	3.88	2.17	2.38	2.21	2.20	2.80	3.44
MIN	1.31	1.30	1.30	1.29	1.60	1.30	1.29	1.29	1.31	1.30	1.31	1.31

07380120 AMITE RIVER AT PORT VINCENT, LA

LOCATION.--Lat 30°19'57", long 90°51'07", in Sec. 19, T. 8 S., R. 4 E., Livingston Parish, Hydrologic Unit 08070202, on downstream side of bridge on State Highway 42, 0.1 mi east of intersection of State Highway 42 and 431, 0.2 mi west of intersection of State Highway 42 and 16, and 0.5 mi downstream from mouth of Grays Creek.

DRAINAGE AREA.--1,596 mi^2.

PERIOD OF RECORD.--October 25, 1983 to September 30, 1984 (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Elevation affected by tide at all stages.

EXTREMES FOR CURRENT YEAR.--Maximum elevation during period, Oct. 25, 1983 to Sept. 1984, 4.15 ft Dec. 5, minimum -0.78 ft Apr. 17.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		2.07	1.42	---	.56	2.24	.44	1.40	1.56	.82	2.38	1.23
2		2.37	1.82	---	.89	1.32	1.18	1.75	1.39	1.04	2.63	.98
3		2.16	2.54	---	1.18	.78	1.73	1.64	1.22	1.18	2.85	.93
4		1.68	3.06	.95	1.01	.98	1.30	1.21	1.21	1.18	2.44	.98
5		1.48	4.15	1.09	.54	1.36	.72	1.69	1.42	1.33	2.30	1.47
6		1.83	3.29	1.03	-.02	1.35	.43	1.94	1.76	1.19	2.08	1.61
7		2.03	1.37	1.11	.11	1.11	.43	1.93	2.01	.99	1.81	1.95
8		2.26	1.48	1.22	.71	.94	1.13	1.71	2.12	1.07	1.81	2.49
9		1.34	1.79	1.42	.92	---	1.79	1.19	2.07	1.09	1.56	2.69
10		.86	1.82	1.93	1.77	---	1.64	1.11	2.23	1.18	1.47	2.27
11		1.06	1.73	1.19	---	---	1.79	1.07	2.27	1.15	1.14	1.72
12		1.05	1.65	1.32	---	---	2.23	1.15	2.20	1.05	.91	1.43
13		1.02	1.97	1.77	---	---	2.09	.95	1.98	1.06	1.13	1.20
14		---	1.64	2.02	2.96	---	1.59	.84	1.89	1.27	1.41	1.39
15		---	.87	1.95	3.35	---	.83	.77	1.61	1.41	1.34	1.30
16		.50	.01	1.88	3.74	---	.13	1.38	2.07	1.24	1.32	1.54
17		.96	.22	1.95	3.47	---	-.49	1.78	2.20	1.60	.93	1.94
18		1.89	1.33	2.16	2.80	---	-.48	2.05	2.29	1.54	.76	2.45
19		2.06	2.94	1.99	2.33	---	.14	2.14	2.13	1.36	.97	2.64
20		1.81	2.43	1.91	1.82	2.01	.65	2.10	1.83	1.56	1.07	2.83
21		2.22	1.67	1.69	1.70	1.04	1.42	2.20	1.45	1.24	1.00	3.13
22		1.90	.89	1.54	1.74	.54	1.84	2.25	1.11	1.24	1.15	3.43
23		1.55	.84	1.77	1.00	1.05	1.20	2.43	.93	1.28	1.21	3.52
24		1.61	---	1.87	1.01	1.72	.19	1.92	.91	1.90	1.39	3.37
25		1.82	---	1.81	.89	1.49	.54	1.74	1.00	2.11	1.49	3.13
26	1.30	1.68	---	1.78	1.50	1.46	1.36	1.50	1.09	2.08	1.55	2.85
27	1.10	1.81	---	1.70	2.90	1.78	1.98	1.41	1.21	2.00	1.44	2.42
28	1.08	1.55	---	1.08	2.97	1.67	1.94	1.33	1.50	1.91	1.46	1.95
29	1.16	1.36	---	.84	2.67	.06	2.02	1.23	1.03	1.98	1.57	1.53
30	1.12	1.30	---	.61	---	-.30	1.89	1.38	.63	2.18	1.46	1.10
31	1.31	---	---	.47	---	.16	---	1.74	---	2.28	1.42	---
MAX	---	2.37	4.15	2.16	3.74	---	2.23	2.43	2.29	2.28	2.85	3.52
MIN	---	---	---	---	-.02	---	-.49	.77	.63	.82	.76	.93

BEST COPY AVAILABLE

07380228 NEW RIVER AT ACY, LA

LOCATION.--Lat 30°13'07", long 90°49'15", at center E1/2 sec. 32, T. 9 S., R. 4 E., Ascension Parish, Hydrologic Unit 08070204, near left bank on downstream side of bridge on State Highway 22, at Acy, and 2.4 mi upstream from Bayou Francois.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1976 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.91 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.99 ft Apr. 24, 1979; minimum, 2.57 ft Feb. 24, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.20 ft Dec. 28; minimum, 2.75 ft Apr. 17.

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.41	5.71	5.43	4.83	4.09	3.93	4.05	5.09	5.27	4.46	5.99	4.88
2	5.36	6.00	5.53	4.65	4.15	4.11	4.77	5.39	5.09	4.71	6.16	4.67
3	5.53	5.96	5.48	4.52	4.62	4.30	5.37	5.29	4.91	4.85	6.52	4.60
4	5.70	5.56	5.43	4.57	4.61	4.58	4.89	4.87	4.89	4.84	6.42	4.64
5	5.59	5.29	5.29	4.53	4.36	4.98	3.85	5.35	5.07	4.99	6.19	5.05
6	5.17	5.44	5.35	4.44	3.68	5.02	3.71	5.58	5.38	4.85	5.98	5.30
7	5.63	5.60	4.78	4.54	3.51	4.54	3.99	5.57	5.64	4.64	5.62	5.63
8	5.58	5.77	4.55	4.65	4.14	4.11	4.75	5.38	5.74	4.78	5.49	6.04
9	5.48	5.77	4.62	4.84	4.75	4.01	5.30	4.85	5.73	4.76	5.30	6.23
10	5.49	5.43	4.86	5.65	5.05	4.29	5.15	4.77	5.88	4.84	5.17	5.95
11	5.81	4.51	5.45	5.01	5.20	4.80	5.37	4.72	5.93	4.81	4.85	5.44
12	6.27	4.35	5.43	4.73	5.49	4.93	5.79	4.80	5.87	4.73	4.57	5.13
13	6.08	4.49	5.29	5.31	6.07	5.46	5.71	4.62	5.68	4.78	4.68	4.87
14	5.56	4.56	5.59	5.67	5.71	5.60	5.26	4.49	5.60	4.97	5.05	5.06
15	5.81	4.63	4.84	5.55	5.56	5.38	4.45	4.42	5.31	5.08	5.00	4.92
16	5.79	4.20	4.49	5.49	5.62	5.25	3.74	5.06	5.59	4.89	5.01	5.18
17	5.90	4.32	5.36	5.35	5.65	5.20	3.05	5.44	5.83	5.98	4.61	5.59
18	5.84	4.96	5.59	5.63	5.47	5.01	3.10	5.66	5.91	6.16	4.38	6.05
19	5.81	5.31	5.53	5.66	5.33	5.27	3.77	5.75	5.78	5.96	4.59	6.26
20	5.94	5.70	5.34	5.01	5.12	5.77	4.31	5.71	5.51	5.49	4.73	6.40
21	6.00	5.51	5.38	4.88	5.26	4.62	5.01	5.81	5.13	4.98	4.66	6.61
22	5.85	5.74	5.71	4.93	5.34	4.08	5.50	5.79	4.79	4.92	4.85	6.81
23	5.74	5.80	5.26	5.30	4.59	4.69	4.87	5.99	4.59	4.91	4.96	7.00
24	5.29	5.83	4.74	5.42	4.63	5.36	3.82	5.60	4.65	5.55	5.13	7.04
25	5.19	5.44	3.69	5.68	4.53	5.15	4.16	5.42	4.68	5.79	5.22	6.85
26	4.95	5.34	3.55	5.37	5.03	5.00	4.98	5.17	4.79	5.77	5.28	6.63
27	4.76	5.75	4.74	5.27	6.81	5.25	5.59	5.08	4.89	5.70	5.23	6.31
28	4.73	5.71	7.10	5.07	6.53	5.23	5.61	5.00	5.01	5.61	5.20	5.86
29	4.81	4.77	7.11	4.72	5.27	3.57	5.66	4.91	4.68	5.66	5.26	5.38
30	4.79	4.89	6.67	4.48	---	3.31	5.59	5.06	4.24	5.80	5.14	4.86
31	5.00	---	5.63	4.24	---	3.81	---	5.40	---	5.89	5.01	---
MAX	6.27	6.00	7.11	5.68	6.81	5.77	5.79	5.99	5.93	6.16	6.52	7.04
MIN	4.73	4.20	3.55	4.24	3.51	3.31	3.05	4.42	4.24	4.46	4.38	4.60

07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)

LOCATION.--Lat 30°16'53", long 90°24'01", T.9 S., R.8 E., St. John the Baptist-Tangipahoa Parish line, Hydrologic Unit 08070204, at bridge on U.S. Highway 51, 10 mi south of Ponchatoula, 0.4 mi north of Galva, and 0.2 mi south of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1957, 1963, 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers since October 1974 and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 30.5°C Aug. 31, 1983, June 20, 21, 1984; minimum daily, 4.0°C Feb. 9, 10, 1978, Jan. 15, 1979, Jan. 1, 1981.
CHLORIDE: Maximum daily, 8,400 mg/L Apr. 19, 1977; minimum daily, 10 mg/L June 7, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.5°C June 20, 21; minimum daily, 4.5°C Dec. 31, Jan. 1.
CHLORIDE: Maximum daily, 1,400 mg/L Sept. 22 ; minimum daily, 38 mg/L Oct. 5.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	20.5	15.0	4.5	10.0	10.5	16.5	23.5	23.0	24.5	27.0	26.5
2	24.0	21.0	16.5	5.5	10.0	11.5	18.0	24.5	23.0	24.0	26.0	26.5
3	23.5	---	16.5	6.5	10.5	14.0	19.5	25.0	23.5	24.0	25.0	27.0
4	26.5	21.5	16.5	9.0	10.5	15.0	18.5	23.5	24.5	25.0	26.5	26.5
5	26.5	21.5	16.5	8.5	9.0	16.0	17.0	23.5	25.0	25.0	26.5	26.0
6	21.5	19.0	16.5	13.0	9.5	14.0	17.0	26.0	25.5	25.5	27.0	26.0
7	22.0	19.5	12.0	11.5	12.0	10.5	17.0	26.5	26.5	26.0	26.5	25.5
8	22.0	18.0	12.0	13.0	11.5	13.0	18.0	26.0	25.5	24.5	26.0	26.0
9	23.0	20.0	14.0	13.0	11.5	13.0	18.0	22.0	26.5	25.5	26.5	25.5
10	23.5	18.0	16.0	12.0	13.0	13.0	18.0	23.5	25.5	25.5	26.5	27.0
11	24.0	17.0	16.5	10.0	---	14.0	20.0	23.5	26.5	26.5	26.5	28.0
12	24.5	13.5	16.0	10.0	14.0	14.0	20.5	24.5	27.0	26.5	26.5	28.0
13	20.5	15.5	14.0	10.5	14.0	15.5	20.5	25.5	28.0	27.0	26.0	28.0
14	19.5	16.0	13.5	10.5	13.5	16.0	21.0	25.5	28.0	27.0	26.0	28.5
15	20.5	18.0	13.0	10.0	13.5	17.0	20.0	26.5	28.0	28.0	25.5	28.5
16	21.0	---	12.0	10.5	15.0	16.5	18.5	24.5	26.5	27.0	26.5	23.5
17	23.0	15.5	12.0	10.0	14.0	18.0	19.0	24.0	26.5	26.5	27.0	23.0
18	23.0	10.0	12.0	9.5	15.0	16.5	18.0	24.5	28.0	28.5	26.5	23.0
19	23.5	18.5	12.0	8.5	15.5	16.5	20.5	25.0	28.5	27.0	28.0	23.5
20	23.5	16.5	11.5	7.0	14.5	15.5	21.5	24.5	30.5	27.0	26.5	23.0
21	24.0	16.0	11.5	8.0	13.0	15.0	21.5	25.0	30.5	27.0	26.5	23.0
22	25.0	19.0	10.5	7.0	14.0	15.5	21.5	21.5	28.5	26.5	27.0	23.0
23	20.5	20.0	10.5	8.0	15.0	18.5	21.5	21.0	27.5	26.5	28.0	24.5
24	19.5	---	7.0	8.0	16.5	19.0	21.0	22.0	26.5	26.5	28.0	24.5
25	19.0	15.0	5.5	10.0	15.0	16.0	22.0	26.0	26.5	27.0	27.0	---
26	19.0	15.5	5.0	8.0	14.5	19.0	23.0	26.5	26.5	26.5	26.5	---
27	17.0	17.0	5.5	7.0	15.0	19.0	24.0	26.0	24.5	27.0	26.5	---
28	18.0	14.5	10.0	7.0	13.0	18.5	23.5	27.0	23.5	28.5	27.0	---
29	---	13.5	5.0	7.0	11.0	16.0	23.5	25.5	23.5	26.5	27.0	---
30	18.0	13.5	5.0	12.0	---	15.5	24.0	23.0	24.5	27.0	26.5	---
31	24.5	---	4.5	10.0	---	15.5	---	21.5	---	---	27.0	---
MAX	26.5	21.5	16.5	13.0	16.5	19.0	24.0	27.0	30.5	28.5	28.0	28.5
MIN	17.0	10.0	4.5	4.5	9.0	10.5	16.5	21.0	23.0	24.0	25.0	23.0

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07380230 PASS MANCHAC AT MANCHAC, LA (CE 85420)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	290	200	160	210	100	120	190	610	410	600	240
2	53	320	140	210	160	250	240	210	550	540	860	260
3	39	110	120	240	200	340	370	210	550	650	540	230
4	44	87	250	310	190	200	150	200	420	440	400	210
5	38	300	230	280	110	120	140	340	540	660	320	220
6	61	180	240	320	130	77	140	910	700	550	340	250
7	53	110	230	370	170	120	210	900	730	440	300	490
8	50	240	110	160	180	80	310	300	750	460	250	740
9	44	150	110	150	230	60	360	310	720	460	310	880
10	44	160	240	280	130	84	110	310	600	420	300	1100
11	52	110	180	130	---	91	280	380	580	460	250	390
12	87	210	60	160	180	84	550	750	550	410	240	520
13	68	240	130	160	52	150	300	670	490	380	280	430
14	62	240	300	190	46	120	210	360	500	600	410	570
15	59	140	220	220	56	75	200	480	500	480	340	650
16	66	110	92	94	45	46	160	560	500	350	320	570
17	76	230	51	90	46	43	150	710	640	290	260	720
18	60	190	52	76	40	56	94	750	620	260	240	880
19	52	160	50	86	56	40	220	650	480	240	440	660
20	70	150	110	210	70	110	300	660	400	250	340	1200
21	78	130	58	72	74	100	340	640	460	290	320	1300
22	58	180	79	190	100	44	420	840	500	320	370	1400
23	58	180	80	84	59	280	300	760	500	180	410	1100
24	80	130	81	84	270	96	240	380	500	440	330	870
25	86	130	51	66	140	74	290	460	500	540	360	840
26	62	200	110	100	120	97	410	360	480	520	360	810
27	65	210	160	63	60	170	420	400	520	480	---	650
28	58	170	240	100	120	92	410	400	320	380	360	610
29	130	100	250	99	120	140	420	440	350	370	320	630
30	60	200	130	210	---	270	270	400	360	530	290	590
31	88	---	86	170	---	140	---	630	---	---	400	---
MAX	130	320	300	370	270	340	550	910	750	660	860	1400
MIN	38	87	50	63	40	40	94	190	320	180	240	210

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)

LOCATION.--Lat 30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, Hydrologic Unit 08090202, 6.1 mi east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 20...	1415	449	7.2	24.5	20	15	<1.0	8.5	35	.2	K20
JAN 04...	1045	324	6.3	5.0	100	140	<1.0	11.4	21	1.8	K30
APR 26...	1100	1130	7.8	22.5	30	100	<1.0	8.7	21	1.2	8
JUL 31...	1230	2220	7.8	29.5	10	7.0	<1.0	8.6	21	--	140

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 20...	K3	65	10	9.8	57	4.7	36	26	96	13	.01	.2
JAN 04...	48	43	7.5	6.7	43	4.1	26	17	77	114	.02	.2
APR 26...	3	120	16	20	160	8.5	38	51	280	121	.04	.4
JUL 31...	K7	230	20	43	340	14	37	92	610	12	<.01	<.1

DATE	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT 20...	.4	.11	2	1	<10	<.5	1	<1	10	<1	6	2
JAN 04...	.7	.12	2	1	<10	<.5	2	<1	20	<1	7	5
APR 26...	1.9	.11	2	1	<10	<1	2	2	10	<1	23	23
JUL 31...	.4	<.01	1	<1	<10	<10	1	1	10	<1	20	1

DATE	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 20...	69	5	1	<.1	<.1	4	1	<1	<1	1	30	6
JAN 04...	130	24	3	.1	.1	8	2	<1	<1	2	30	20
APR 26...	210	12	3	.2	.2	10	5	<1	<1	3	60	54
JUL 31...	10	1	2	.2	.1	5	1	<1	<1	--	20	10

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)

LOCATION.--Lat 30°17'30", long 90°18'00", T.9 S., R.9 E., St. John the Baptist Parish, Hydrologic Unit 08090202, 6.1 mi east of Manchac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 20...	1415	649	7.2	24.5	20	15	<1.0	8.5	35	.2	K20
JAN 04...	1045	324	6.3	5.0	100	140	<1.0	11.4	21	1.8	K30
APR 26...	1100	1130	7.8	22.5	30	100	<1.0	8.7	21	1.2	8
JUL 31...	1230	2220	7.8	29.5	10	7.0	<1.0	8.6	21	--	140

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 20...	K3	65	10	9.8	57	4.7	36	26	96	13	.01	.2
JAN 04...	48	43	7.5	6.7	43	4.1	26	17	77	114	.02	.2
APR 26...	3	120	16	20	160	8.5	38	51	280	121	.04	.4
JUL 31...	K7	230	20	43	340	14	37	92	610	12	<.01	<.1

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 20...	.4	.11	2	1	<10	<.5	1	<1	10	<1	6	2
JAN 04...	.7	.12	2	1	<10	<.5	2	<1	20	<1	7	5
APR 26...	1.9	.11	2	1	<10	<1	2	2	10	<1	23	23
JUL 31...	.4	<.01	1	<1	<10	<10	1	1	10	<1	20	1

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 20...	69	5	1	<.1	<.1	4	1	<1	<1	1	30	6
JAN 04...	130	24	3	.1	.1	8	2	<1	<1	2	30	20
APR 26...	210	12	3	.2	.2	10	5	<1	<1	3	60	54
JUL 31...	10	1	2	.2	.1	5	1	<1	<1	--	20	10

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

BEST COPY AVAILABLE

301730090180000 LAKE PONTCHARTRAIN AT PASS MANCHAC, NEAR MANCHAC, LA (CE 85403)--Continued

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L)	PCB, TOTAL (UG/L)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLORDANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DIAZINON, TOTAL (UG/L)
OCT 20...	6.4	<.01	2	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
JAN 04...	10	<.01	8	2	<.1	<.10	<.001	<.1	<.001	<.001	<.001	.01
APR 26...	7.5	<.01	<1	1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01
JUL 31...	4.8	<.01	7	<1	<.1	<.10	<.001	<.1	<.001	<.001	<.001	--

DATE	DIELDRIN TOTAL (UG/L)	ENDOSULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALATHION, TOTAL (UG/L)	METHOXYCHLOR, TOTAL (UG/L)	METHYL PARATHION, TOTAL (UG/L)	METHYL TRITHION, TOTAL (UG/L)
OCT 20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 04...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 26...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 31...	<.001	<.001	<.001	--	<.001	<.001	<.001	--	<.01	--	--

DATE	MIREX, TOTAL (UG/L)	PARATHION, TOTAL (UG/L)	PERTHANE TOTAL (UG/L)	TOXAPHENE, TOTAL (UG/L)	TOTAL TRITHION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)
OCT 20...	<.01	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01	8.4	<.1
JAN 04...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.3	<.1
APR 26...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	4.0	<.1
JUL 31...	<.01	--	<.1	<1	--	.03	<.01	<.01	<.01	<.1	<.1

< Actual value is known to be less than the value shown.

300024089560500 INTRACOASTAL WATERWAY (AT NOPSI PLANT) NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)

LOCATION.--Lat 30°00'24", long 89°56'05", T.12 S., R.13 E., Orleans Parish, Hydrologic Unit 03090203, at New Orleans.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 20...	0945	11800	7.6	25.5	10	3.0	<1	8.0	200	1.4	72
JAN 04...	1530	4660	7.6	7.0	15	20	<1	11.4	36	1.2	480
APR 19...	1315	15900	7.9	24.5	10	20	<1	7.4	--	1.7	K160
JUL 25...	1330	16500	7.7	32.0	5	3.0	<1	8.8	64	3.9	K1800

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 20...	K12	1200	86	240	2100	79	87	520	3800	24	.02	<.1
JAN 04...	260	470	42	88	780	30	67	210	1400	31	.02	.4
APR 19...	K28	1700	130	330	3200	110	81	810	5600	52	.06	<.1
JUL 25...	250	1900	140	430	3500	120	77	810	6300	8	.02	<.1

DATE	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 20...	.5	.07	1	1	10	10	1	1	10	<1	3	1
JAN 04...	.9	.10	2	1	<10	<10	2	1	20	<1	8	3
APR 19...	1.0	.09	1	<1	<10	<10	4	3	20	<1	4	4
JUL 25...	.9	.08	1	1	<10	<10	1	1	10	<1	4	4

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 20...	90	5	2	<.1	<.1	2	1	<1	<1	120	20
JAN 04...	20	14	2	.3	.2	3	3	<1	<1	30	10
APR 19...	50	5	1	.6	.2	3	1	<1	<1	20	20
JUL 25...	100	--	2	.4	.3	--	3	<1	<1	20	20

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

300024089560500 INTRACOASTAL WATERWAY (AT NOPSI PLANT) NEAR PARIS ROAD, AT NEW ORLEANS, LA (CE 76042)--Continued

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT												
20...	5.6	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JAN												
04...	6.1	<.01	2	1	<.1	<.1	<.001	<.1	<.001	<.001	.004	.01
APR												
19...	4.0	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUL												
25...	4.6	<.01	1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
20...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
04...	.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
19...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
25...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
20...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	9.1	.9
JAN											
04...	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	.5	<.1
APR											
19...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	1.1	<.1
JUL											
25...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	5.8	<.1

< Actual value is known to be less than the value shown.

295019089411500 BAYOU LA LOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)

LOCATION.--Lat 29°50'19", long 89°41'15", T.14 S., R.15 E., St. Bernard Parish, Hydrologic Unit 08090203, 0.2 mi south of Yscloskey.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1979, November 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 20, 1977; minimum daily, 0.5°C Jan. 2, 5, 14, 16, 17, 1981, Dec. 24, 1983.
CHLORIDE: Maximum daily, 16,000 mg/L June 29, 30, July 1-4, 7-9, 12, 1977, Sept. 6, 1981; minimum daily, 120 mg/L June 12, 18-20, 23, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.5°C Oct. 5; minimum daily, 0.5°C Dec. 24.
CHLORIDE: Maximum daily, 9,700 mg/L Apr. 8, 10; minimum daily, 1500 mg/L Jan. 22-31, Feb. 1.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	21.0	13.0	---	9.0	7.0	14.5	22.0	---	21.5	24.0	24.5
2	26.5	21.0	11.0	---	10.0	---	14.5	22.0	---	21.0	23.5	25.0
3	24.5	20.5	10.0	---	---	---	15.5	22.0	---	21.0	24.0	24.0
4	24.5	---	9.5	---	10.0	12.0	15.0	22.0	---	22.0	23.0	24.0
5	30.5	20.0	9.0	---	11.0	12.0	15.5	23.0	21.0	21.5	24.0	24.0
6	25.0	19.5	9.0	---	11.5	13.5	14.5	23.0	22.0	21.5	24.0	23.5
7	25.5	19.0	8.0	---	11.5	13.5	15.0	23.0	23.0	22.0	23.0	23.5
8	25.5	19.0	8.0	2.0	12.0	14.0	16.0	23.0	23.0	23.0	23.5	24.0
9	26.0	18.0	8.5	3.5	11.0	14.0	14.5	23.0	22.0	23.0	25.0	23.0
10	25.0	18.0	7.0	2.0	10.5	14.5	14.5	23.5	22.0	23.0	24.5	23.0
11	24.5	17.0	7.0	---	10.0	15.0	15.0	23.5	22.0	22.0	25.0	22.0
12	24.5	16.5	6.5	1.5	8.0	15.0	15.5	23.5	21.5	23.0	25.0	22.0
13	24.5	16.5	6.5	3.0	8.0	14.5	16.0	17.0	21.0	23.0	25.5	21.0
14	24.5	16.0	6.0	3.0	8.0	14.5	17.0	16.5	21.5	23.5	25.5	21.5
15	24.5	16.0	5.5	4.0	7.0	14.0	16.5	16.5	21.0	24.0	25.0	22.0
16	24.5	15.5	8.0	3.5	9.0	14.5	16.0	16.5	23.0	23.5	24.5	23.0
17	24.0	15.5	---	4.0	9.0	14.5	15.5	17.0	23.5	23.5	25.0	---
18	24.5	15.0	6.0	3.5	10.0	14.5	16.5	18.0	23.5	23.0	25.5	---
19	24.5	15.5	5.0	2.0	10.5	14.5	15.5	18.5	23.0	23.5	24.5	---
20	23.5	15.5	4.5	---	10.5	15.5	16.0	18.5	22.0	24.5	25.0	---
21	23.0	16.0	4.0	---	11.0	15.5	15.0	17.0	23.0	24.0	24.5	---
22	22.0	15.5	3.5	---	11.5	15.0	14.5	16.5	27.0	24.5	23.5	---
23	22.0	15.0	2.0	2.0	11.5	14.0	15.5	17.0	28.0	24.0	23.0	---
24	21.5	16.0	.5	3.0	10.0	15.0	15.5	18.0	28.5	24.0	23.5	---
25	22.0	15.0	---	3.5	10.0	14.5	---	18.0	28.5	24.5	23.5	---
26	21.5	14.5	---	5.0	9.5	15.0	---	18.5	26.5	24.5	24.5	---
27	21.0	14.5	---	5.5	9.0	14.5	---	18.5	26.5	24.0	24.0	---
28	20.5	---	---	6.0	7.0	13.5	21.5	18.5	---	24.5	24.5	---
29	20.5	15.0	---	7.0	6.5	13.5	21.5	18.5	---	22.0	24.5	---
30	20.0	14.5	---	8.5	---	14.0	21.5	18.5	---	23.5	24.5	---
31	20.5	---	---	8.0	---	14.0	---	18.5	---	23.0	24.0	---
MAX	30.5	21.0	---	---	12.0	15.5	21.5	23.5	---	24.5	25.5	---
MIN	20.0	14.5	---	---	6.5	7.0	14.5	16.5	---	21.0	23.0	---

295019089411500 BAYOU LA LOUTRE AT ALLUVIAL CITY, AT YSCLOSKEY, LA (CE 85775)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3600	6100	5100	2300	1500	4900	4500	6300	---	5800	---	4800
2	3800	4100	5200	2300	5700	---	4200	6400	---	8000	---	4700
3	3700	6000	5100	2300	---	---	4500	6200	---	8100	---	4700
4	3800	---	5200	---	5100	4300	4400	6400	---	8300	8800	4800
5	3600	5000	5100	---	4600	4300	4500	6300	5000	8200	8600	4700
6	3700	5000	5100	2300	5000	4300	4400	6500	5100	8400	9000	4500
7	3700	5200	5300	2200	5000	4400	9400	5900	5100	8100	8800	4700
8	3700	5000	4400	2300	4900	4200	9700	---	5000	8100	---	4700
9	3700	5100	5300	2200	5000	4300	9400	9400	5000	7800	7600	6900
10	3900	5000	5200	2200	5100	4500	9700	8300	4900	8200	7900	6800
11	3800	5900	5100	2300	5000	4300	9400	8100	5000	8100	7000	6900
12	3700	5000	---	2300	5000	4100	9300	7900	5100	8200	7000	6800
13	3700	5100	5200	2200	5000	4300	9600	8100	4900	7000	7000	6900
14	3700	4900	---	2300	5100	4100	9500	7900	5000	8300	7000	6800
15	3800	4900	5000	2400	5000	4400	9300	7900	5100	8100	6500	6900
16	3600	5100	5100	2200	5000	4300	9500	8100	5000	8300	7000	6800
17	3600	6700	---	2300	5000	4500	9400	8300	5000	9100	7000	---
18	3600	6900	2300	2200	5200	4200	9300	8000	5000	9000	6900	---
19	3600	6800	2100	2300	5000	4300	9100	6400	5100	9100	7000	---
20	3500	6800	2300	1600	5000	4000	9000	7900	5100	7300	6800	---
21	3600	6800	2200	1600	5100	4300	8800	7700	6400	7300	7100	---
22	3600	6700	2200	1500	5000	3600	9600	6100	5600	6700	5600	---
23	3600	6900	2300	1500	5000	4000	9300	6000	5600	6100	5500	---
24	3400	6800	2100	1500	4900	4400	9500	6300	5300	7200	5500	---
25	3600	5800	---	1500	5000	4400	---	---	5600	7100	5600	---
26	3600	7600	2300	1500	5000	4300	---	---	5500	7400	5500	---
27	3600	7000	2100	1500	5000	4400	---	---	5600	7800	5400	---
28	3600	---	2300	1500	5200	4500	9100	---	---	7000	5700	---
29	3600	6700	2200	1500	4700	4400	9300	---	---	6900	5600	---
30	3800	6600	2200	1500	---	4200	9600	---	---	7600	5500	---
31	4900	---	2200	1500	---	4500	---	---	---	7200	5600	---
MAX	4900	7600	5300	2400	5700	4900	9700	---	---	9100	9000	---
MIN	3400	4100	2100	1500	1500	3600	4200	---	---	5800	5400	---

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)

LOCATION.--Lat 29°40' 06", long 90°06' 36", in lot 5, T.16 S., R.23 E., Jefferson Parish, Hydrologic Unit 08090301, 1.0 mi south of Lafitte.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1954, 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 34.0°C July 23, 1981; minimum daily, 3.0°C Jan. 20, 1977, Dec. 26, 30, 1983, Jan. 21, 22, 1984.
CHLORIDE: Maximum daily, 13,000 mg/L Sept. 23, 24, 1984; minimum daily, 60 mg/L June 9, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C July 9, Aug. 19; minimum daily, 3.0°C Dec. 26, 30, Jan. 21, 22.
CHLORIDE: Maximum daily, 13,000 mg/L Sept. 23, 24; minimum daily, 170 mg/L Feb. 9.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	21.0	15.0	6.0	9.0	9.0	17.0	25.0	---	27.0	27.0	29.0
2	25.0	21.0	17.0	4.0	10.0	10.0	20.0	25.0	---	27.0	24.0	29.0
3	26.0	21.0	19.0	5.0	---	12.0	20.0	24.0	---	---	26.0	29.0
4	26.0	22.0	19.0	7.0	11.0	15.0	19.0	25.0	29.0	---	26.0	29.0
5	26.0	22.0	19.0	---	10.0	17.0	19.0	26.0	29.0	---	27.0	28.0
6	26.0	22.0	19.0	---	8.0	14.0	18.0	26.0	26.0	---	28.0	27.0
7	26.0	22.0	16.0	8.0	8.0	12.0	18.0	27.0	26.0	30.0	27.0	26.0
8	25.0	22.0	15.0	---	9.0	13.0	19.0	25.0	30.0	30.0	28.0	26.0
9	25.0	19.0	15.0	9.0	10.0	14.0	20.0	24.0	26.0	31.0	28.0	27.0
10	25.0	19.0	16.0	---	12.0	15.0	20.0	25.0	28.0	---	29.0	27.0
11	---	16.0	17.0	---	12.0	15.0	20.0	24.0	28.0	30.0	30.0	28.0
12	24.0	17.0	16.0	8.0	15.0	15.0	21.0	24.0	30.0	30.0	29.0	29.0
13	23.0	17.0	15.0	9.0	16.0	16.0	23.0	25.0	30.0	30.0	29.0	29.0
14	21.0	17.0	15.0	11.0	16.0	18.0	22.0	26.0	30.0	30.0	29.0	30.0
15	21.0	18.0	14.0	10.0	16.0	20.0	21.0	27.0	30.0	---	27.0	---
16	22.0	16.0	13.0	10.0	17.0	20.0	20.0	28.0	30.0	29.0	28.0	27.0
17	23.0	16.0	---	---	18.0	20.0	19.0	27.0	---	28.0	28.0	26.0
18	24.0	17.0	13.0	7.0	19.0	21.0	20.0	27.0	29.0	30.0	28.0	26.0
19	24.0	18.0	12.0	5.0	19.0	23.0	21.0	---	29.0	29.0	31.0	25.0
20	25.0	18.0	11.0	4.0	18.0	20.0	23.0	27.0	29.0	---	30.0	25.0
21	26.0	18.0	---	3.0	16.0	17.0	25.0	27.0	29.0	30.0	30.0	24.0
22	26.0	18.0	---	3.0	14.0	18.0	25.0	26.0	29.0	30.0	30.0	---
23	24.0	19.0	---	7.0	15.0	19.0	24.0	27.0	30.0	28.0	30.0	25.0
24	21.0	18.0	---	---	15.0	19.0	23.0	27.0	30.0	28.0	30.0	26.0
25	20.0	17.0	---	9.0	15.0	19.0	23.0	28.0	30.0	28.0	30.0	---
26	20.0	16.0	3.0	9.0	15.0	19.0	22.0	28.0	30.0	29.0	30.0	---
27	29.0	18.0	4.0	9.0	14.0	19.0	24.0	28.0	30.0	29.0	30.0	---
28	18.0	16.0	10.0	10.0	10.0	19.0	25.0	28.0	29.0	30.0	30.0	---
29	19.0	14.0	7.0	11.0	8.0	18.0	25.0	28.0	28.0	30.0	30.0	---
30	20.0	15.0	3.0	11.0	---	17.0	25.0	24.0	28.0	29.0	29.0	---
31	21.0	---	4.0	9.0	---	---	---	23.0	---	28.0	30.0	---
MAX	29.0	22.0	19.0	---	19.0	23.0	25.0	28.0	30.0	---	31.0	---
MIN	18.0	14.0	3.0	---	8.0	9.0	17.0	23.0	26.0	---	24.0	---

07380250 BAYOU BARATARIA AT LAFITTE, LA (CE 82875)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	700	2100		---	210	230	210	2900	---	1100	1200	740
2	670	2700		---	---	240	230	2800	---	1200	1200	740
3	610	2200		---	---	370	230	5600	---	1100	1400	760
4	680	2200		---	360	300	270	3600	1600	1100	1600	760
5	410	2300		---	230	380	200	3500	1500	1100	1200	700
6	1300	2800		---	210	240	200	5100	1800	1100	1200	660
7	2200	3300		520	200	220	250	5500	3200	1000	1100	780
8	2200	3300		---	250	230	230	1800	3200	1000	1000	900
9	2100	1400		510	170	230	310	2000	3000	1300	1000	1400
10	2200	1300		---	1000	220	310	1100	3900	1000	1100	1500
11	---	1700		---	870	210	340	1200	3500	1100	1100	1400
12	1000	1800		---	1500	280	360	990	2700	940	1100	900
13	780	920		---	1400	250	650	1000	2800	1100	1100	760
14	520	890		---	1400	---	280	870	1900	920	840	780
15	1400	800		540	1400	290	290	1400	1900	---	730	---
16	990	600		---	1100	220	210	1500	2100	890	1000	1500
17	1300	480		---	1100	210	190	3000	---	900	950	1500
18	3000	930		460	870	240	230	3000	2300	710	1000	1600
19	2600	1000		430	880	300	230	---	2500	880	990	4700
20	1400	3600		---	540	220	490	3500	1300	860	1000	2800
21	2700	2200		---	250	180	770	3900	1400	980	960	7600
22	2300	2200		370	210	190	590	4200	1300	920	960	---
23	2000	3400		---	230	210	560	3500	1200	920	910	13000
24	1700	1400		---	260	200	400	1600	1300	1100	860	13000
25	1800	---		870	230	210	450	1600	1300	1100	1000	---
26	800	---		820	420	280	850	1100	1200	1000	960	---
27	960	---		240	240	210	2800	1100	1500	1100	800	---
28	820	---		250	240	200	3000	1200	1200	1100	850	---
29	850	---		260	240	190	3700	1200	1200	1000	840	---
30	970	---		230	---	280	3800	1200	900	1200	860	---
31	930	---		180	---	---	---	1400	---	1400	790	---
MAX	3000	---		---	1500	380	3800	5600	3900	1400	1600	---
MIN	410	---		---	170	180	190	870	900	710	730	---

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA

LOCATION.--Lat 30°06'00", long 90°58'40", in lot 96, T. 11 S., R. 14 E., Louisiana meridian, Ascension Parish, Hydrologic Unit 08090301, on left bank 15 ft (46 m) upstream from end of culvert under State Highway 18, in Donaldsonville, and 1,600 ft downstream from pumping plant. Prior to Jan. 22, 1982, at site 40 ft upstream from culvert under State Highway 18 and 1,500 ft downstream from pumping plant.

PERIOD OF RECORD.--August 1957 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff.

AVERAGE DISCHARGE.--27 years, 242 ft^3/s, 175,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 642 ft^3/s Apr. 13, 1980; no flow June 11, 14, 1959, Feb. 23, 24-27, 28, 1970, Mar. 3, Apr. 2, 3, May 14, 1971, Sept. 7-12, 1973, July 11, 1979.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	309	318	115	115	193	152	220	222	258	159	195	227
2	324	313	101	122	192	156	229	254	264	152	282	232
3	316	313	155	117	201	142	241	272	263	147	264	223
4	304	314	172	116	204	149	251	289	262	141	200	210
5	280	319	254	119	202	146	269	301	254	138	145	198
6	280	304	319	137	210	161	292	313	256	142	162	175
7	285	279	188	119	208	181	334	317	249	138	165	179
8	298	181	168	132	209	185	236	308	244	141	126	210
9	309	168	170	134	208	182	229	305	243	148	109	249
10	291	163	134	122	203	179	286	300	240	152	86	232
11	360	154	221	116	201	183	248	271	209	166	95	215
12	320	152	343	151	221	198	269	242	210	184	152	186
13	260	146	321	211	222	210	266	233	218	226	193	202
14	230	147	235	222	206	214	275	226	192	204	200	196
15	210	146	264	208	201	220	270	216	265	222	196	192
16	200	146	279	223	215	216	265	215	183	384	150	193
17	194	145	351	222	189	210	265	222	96	324	150	194
18	190	178	332	195	205	177	278	222	100	240	195	196
19	226	264	255	150	208	178	282	272	135	209	207	197
20	285	266	374	193	180	196	294	292	145	174	187	199
21	329	212	345	204	158	181	309	290	177	166	141	284
22	338	155	199	197	170	160	304	284	143	191	171	262
23	308	159	166	206	157	176	288	258	140	184	226	344
24	324	155	155	211	140	148	263	262	159	203	226	295
25	315	140	100	224	157	146	259	294	156	231	231	221
26	314	156	124	189	218	159	251	353	143	229	251	210
27	314	172	281	136	236	147	269	304	142	222	241	208
28	314	150	289	191	165	154	286	281	177	222	217	198
29	274	128	125	196	151	141	290	275	182	234	251	209
30	221	171	128	191	---	187	244	264	165	186	263	210
31	298	---	115	193	---	206	---	264	---	182	229	---
TOTAL	8820	6014	6778	5262	5630	5440	8062	8421	5870	6041	5906	6546
MEAN	285	200	219	170	194	175	269	272	196	195	191	218
MAX	360	319	374	224	236	220	334	353	265	384	282	344
MIN	190	128	100	115	140	141	220	215	96	138	86	175
AC-FT	17490	11930	13440	10440	11170	10790	15990	16700	11640	11980	11710	12980

CAL YR 1983 TOTAL 77522 MEAN 212 MAX 430 MIN 100 AC-FT 153800
WTR YR 1984 TOTAL 78790 MEAN 215 MAX 384 MIN 86 AC-FT 156300

07380400 BAYOU LAFOURCHE AT DONALDSONVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	8.21	6.31	6.37	7.59	7.55	8.18	---	7.88	6.95	---	---
2	---	8.19	5.75	6.59	7.59	7.59	8.25	---	7.91	6.88	---	---
3	---	8.18	6.96	6.43	7.67	7.41	8.35	---	7.91	6.82	---	---
4	---	8.20	7.13	6.45	7.71	7.52	8.42	---	7.90	6.76	---	---
5	---	8.23	7.80	6.39	7.70	7.48	8.55	---	7.83	6.71	---	---
6	---	8.12	8.24	6.86	7.78	7.65	8.70	---	7.84	6.74	---	---
7	---	7.93	7.28	6.45	7.78	7.81	8.99	---	7.79	6.68	---	---
8	---	7.17	7.11	6.82	7.80	7.84	8.30	---	7.75	6.70	---	---
9	---	7.07	7.13	6.85	7.80	7.82	8.25	---	7.74	6.78	---	---
10	---	7.02	6.74	6.61	7.77	7.80	8.67	---	7.72	6.83	---	---
11	---	6.95	7.50	6.48	7.76	7.84	8.41	---	7.39	---	---	---
12	---	6.93	8.44	6.91	7.92	7.96	8.56	---	7.48	---	---	7.30
13	---	6.86	8.28	7.62	7.95	8.06	---	---	7.54	---	---	7.30
14	---	6.88	7.68	7.71	7.83	8.10	---	---	7.27	---	---	7.37
15	---	6.87	7.90	7.60	7.80	8.14	---	---	7.87	---	---	7.34
16	---	6.87	8.00	7.72	7.92	8.11	---	---	6.87	---	---	7.35
17	7.23	6.87	8.49	7.73	7.71	8.06	---	---	5.52	---	---	7.35
18	7.19	7.15	8.37	7.49	7.86	7.79	---	---	5.69	---	---	7.36
19	7.47	7.86	7.70	7.02	7.89	7.79	---	---	6.71	---	---	7.37
20	7.95	7.87	8.65	7.51	7.67	7.96	---	---	6.79	---	---	7.38
21	8.28	7.45	8.44	7.60	7.51	7.84	---	---	7.16	---	---	8.01
22	8.35	6.99	7.42	7.56	7.62	7.67	---	---	6.82	---	---	7.69
23	8.13	7.02	7.16	7.63	7.43	7.79	---	---	6.78	---	---	8.43
24	8.25	6.99	7.07	7.69	7.31	7.55	---	---	6.98	---	---	8.08
25	8.18	6.78	5.71	7.77	7.51	7.52	---	---	6.96	---	---	7.55
26	8.18	7.01	6.31	7.48	8.00	7.66	---	---	6.80	---	---	7.45
27	8.18	7.14	7.99	6.82	8.19	7.56	---	---	6.79	---	---	7.44
28	8.18	6.79	8.05	7.54	7.65	7.63	---	---	7.10	---	---	7.34
29	7.89	6.43	6.54	7.58	7.53	7.34	---	---	7.17	---	---	7.43
30	7.47	7.13	6.67	7.55	---	7.92	---	---	7.01	---	---	7.44
31	8.07	---	6.39	7.58	---	8.08	---	7.92	---	---	---	---
MAX	8.35	8.23	8.65	7.77	8.19	8.14	---	---	7.91	---	---	---
MIN	7.19	6.43	5.71	6.37	7.31	7.34	---	---	5.52	---	---	---

07381000 BAYOU LAFOURCHE AT THIBODAUX, LA

LOCATION.-Lat 29°47'52", long 90°49'21", in lot 117, T. 15 S., R. 15 E., Lafourche Parish, Hydrologic Unit 08090301, on downstream side of left pier of drawspan of bridge on State Highway 20 at Thibodaux, and 2.7 mi upstream from Laurel Valley Canal.

PERIOD OF RECORD.--April 1966 to current year (elevations only). Unpublished records, May 1954 to July 1957, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Artificial control located about 1,000 ft downstream since Nov. 5, 1968.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.64 ft Apr. 17, 1973; minimum, 0.82 ft Dec. 2, 1966.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.96 ft Feb. 27; minimum, 4.79 ft Dec. 2, 3, June 18.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.21	5.27	5.08	5.08	---	5.27	5.31	5.39	5.30	5.49	5.18	5.26
2	5.22	5.30	4.92	5.08	---	5.25	5.35	5.31	5.28	5.29	5.21	5.26
3	5.24	5.31	4.83	5.09	---	5.27	5.40	5.39	5.31	5.20	5.28	5.26
4	5.24	5.31	5.02	5.05	---	5.25	5.38	5.42	5.32	5.14	5.38	5.26
5	5.22	5.34	5.09	5.01	---	5.27	5.38	5.47	5.31	5.08	5.26	5.23
6	5.17	5.31	5.39	---	---	5.29	5.39	5.50	5.29	5.08	5.09	5.19
7	5.17	5.35	5.34	---	---	5.26	5.41	5.51	5.29	5.05	5.11	5.13
8	5.17	5.28	5.18	---	---	5.26	5.50	5.53	5.28	5.06	5.12	5.12
9	5.19	5.14	5.10	---	---	5.27	5.42	5.49	5.30	5.17	5.02	5.20
10	5.22	5.06	5.14	---	5.32	5.27	5.37	5.49	5.31	5.12	4.36	5.32
11	5.21	5.03	5.42	---	5.32	5.30	5.40	5.49	5.32	5.07	4.90	5.28
12	5.40	5.02	5.34	---	5.34	5.30	5.38	5.41	5.28	5.11	4.88	5.21
13	5.22	5.06	5.43	---	5.59	5.44	5.40	5.33	5.24	5.17	5.05	5.01
14	---	5.06	5.46	---	5.43	5.39	5.45	5.30	5.25	5.30	5.20	5.17
15	---	5.09	5.36	---	5.35	5.38	5.48	5.30	5.21	5.27	5.22	5.23
16	---	5.03	5.37	---	5.47	5.38	5.47	5.26	5.37	5.21	5.23	5.25
17	---	5.03	5.41	---	5.42	5.36	5.46	5.26	5.23	5.56	5.09	5.26
18	---	5.04	5.49	---	5.33	5.36	5.44	5.28	4.91	5.62	5.04	5.25
19	---	5.09	5.50	---	5.35	5.33	5.46	5.27	4.86	5.33	5.18	5.24
20	5.07	5.37	5.39	---	5.42	5.60	5.50	5.33	4.98	5.29	5.23	5.24
21	5.19	5.32	5.48	---	5.66	5.40	5.52	5.44	5.03	5.18	5.21	5.25
22	5.24	5.26	5.63	---	5.39	5.31	5.55	5.37	5.11	5.15	5.05	5.39
23	5.29	5.13	5.41	---	5.30	5.26	5.52	5.41	5.10	5.15	5.02	5.35
24	5.27	5.20	5.32	---	5.23	5.25	5.49	5.34	5.09	5.19	5.27	5.50
25	5.28	5.12	5.25	---	5.19	5.23	5.43	5.37	5.43	5.25	5.26	5.42
26	5.26	5.06	5.02	---	5.25	5.22	5.45	5.31	5.22	5.30	5.27	5.28
27	5.26	5.08	5.05	---	5.93	5.25	5.40	5.53	5.11	5.31	5.31	5.24
28	5.26	5.16	5.72	---	5.60	5.23	5.42	5.41	5.59	5.30	5.31	5.23
29	5.28	5.06	5.60	---	5.36	5.19	5.47	5.36	5.59	5.30	5.24	5.23
30	5.24	4.98	5.27	---	---	5.15	5.50	5.32	5.45	5.32	5.23	5.25
31	5.19	---	5.14	---	---	5.25	---	5.30	---	5.21	5.36	---
MAX	5.40	5.37	5.72	---	5.93	5.60	5.55	5.53	5.59	5.62	5.38	5.50
MIN	---	4.98	4.83	---	5.19	5.15	5.31	5.26	4.86	5.05	4.88	5.01

07381200 BAYOU LAFOURCHE AT VALENTINE, LA

LOCATION.--Lat 29°35'35", long 90°28'05", on line between lots 96 and 98, T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, on upstream side of bridge on State Highway 308, at Valentine, 5.2 mi upstream from Intracoastal Waterway, and 5.7 mi south of Lockport.

PERIOD OF RECORD.--April 1966 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1968, at datum 2.98 ft lower.

REMARKS.--Pumping plant at Donaldsonville pumps total flow of Bayou Lafourche from Mississippi River except for small amounts of storm drainage during heavy runoff. Elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.50 ft Apr. 13, 1980; minimum, -0.18 ft Feb. 9, 1968 (present datum).

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 3.05 ft Aug. 3; minimum recorded, 0.66 ft Dec. 25, 26.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.87	1.91	1.88	1.34	1.12	1.10	1.26	2.21	1.65	1.86	2.40	2.01
2	1.79	2.15	1.90	1.44	1.09	.98	1.56	2.17	1.74	1.85	2.63	1.90
3	1.85	2.24	2.10	1.42	1.33	1.17	2.02	2.32	1.75	1.80	2.76	1.82
4	1.92	2.24	2.27	1.50	1.32	1.38	1.86	2.45	1.75	1.77	2.88	1.86
5	2.04	2.20	2.20	1.56	1.35	1.78	1.52	2.37	1.89	1.81	2.75	1.73
6	2.02	2.09	2.32	1.57	1.18	2.10	1.07	2.47	2.10	1.79	2.69	1.60
7	1.93	2.20	2.03	1.59	.88	1.68	1.21	2.54	2.32	1.77	2.54	1.73
8	1.92	2.19	1.74	1.69	.89	1.46	1.57	2.67	2.37	1.74	2.39	2.05
9	1.84	2.19	1.79	1.65	.97	1.35	1.82	2.32	2.36	1.68	2.24	2.23
10	1.78	2.11	1.81	2.06	1.28	1.23	1.67	2.05	2.46	1.70	2.24	2.26
11	1.75	1.76	2.21	1.74	1.49	1.38	1.88	1.83	2.49	1.75	2.12	2.16
12	2.00	1.48	2.32	1.42	1.72	1.49	2.10	1.83	2.47	1.79	2.05	2.14
13	2.14	1.45	2.03	1.47	2.19	1.98	2.15	1.73	2.39	1.84	2.02	1.86
14	1.77	1.69	1.99	1.57	2.01	2.05	2.05	1.69	2.35	1.89	2.23	1.89
15	1.79	1.90	1.82	1.68	2.02	1.94	1.81	1.59	2.26	1.94	2.10	1.94
16	1.84	1.56	1.65	1.63	2.02	2.04	1.42	1.67	2.26	1.93	1.99	1.82
17	2.00	1.31	1.79	1.66	2.00	1.96	1.18	1.73	2.36	1.99	1.84	1.83
18	2.12	1.54	1.66	1.86	1.91	1.94	1.04	1.90	2.38	1.98	1.71	2.00
19	2.03	1.80	1.79	1.77	2.00	2.06	1.28	2.11	2.42	2.02	1.73	2.10
20	2.33	2.30	1.66	1.40	1.74	2.49	1.61	2.28	2.15	2.04	1.74	2.18
21	2.50	2.27	1.71	1.13	1.73	2.18	2.05	2.53	2.13	1.94	1.70	2.41
22	2.40	2.35	2.02	1.05	1.54	1.93	2.29	2.59	2.01	1.88	1.77	2.70
23	2.35	2.40	1.85	1.25	1.60	1.91	1.97	2.73	1.84	1.85	1.70	2.85
24	2.09	2.59	1.66	1.55	1.50	2.09	1.66	2.52	1.72	1.93	1.69	2.92
25	2.03	2.34	1.10	1.65	1.52	2.10	1.59	2.51	1.80	1.95	1.75	2.78
26	1.71	2.18	.66	1.74	1.58	1.88	1.93	2.39	1.70	2.06	1.78	2.76
27	1.59	2.26	.88	1.58	2.22	2.02	2.22	2.35	1.70	2.10	1.86	2.58
28	1.59	2.37	2.13	1.59	1.83	2.20	2.33	2.22	1.75	2.12	1.90	2.38
29	1.68	2.02	2.34	1.58	1.48	1.78	2.33	2.21	1.74	2.21	1.48	2.08
30	1.62	1.99	1.95	1.41	---	1.47	2.32	1.93	1.75	2.28	1.96	1.73
31	1.74	---	1.47	1.34	---	1.25	---	1.67	---	2.17	1.99	---
MAX	2.50	2.59	2.34	2.06	2.22	2.49	2.33	2.73	2.49	2.28	2.88	2.92
MIN	1.59	1.31	.66	1.05	.88	.98	1.04	1.59	1.65	1.68	1.48	1.60

BEST COPY AVAILABLE

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)

LOCATION.--Lat 29°34'20", long 90°23'02", T.17 S., R.20 E., Lafourche Parish, Hydrologic Unit 08090301, at intersection with Intracoastal Waterway and at mile 35.3 (WHL).

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1974 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1979, October 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).

REMARKS.--Flow direction is dependent upon tide and upon wind velocity.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.5°C July 28, 29, 1977; minimum daily, 6.0°C Jan. 19, 20, 1977, Jan. 20-23, 1978, Jan. 1-3, 1984.
CHLORIDE: Maximum daily, 6,700 mg/L Oct. 25, 1976; minimum daily, 16 mg/L May 7, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 27, 28; minimum daily, 6.0°C Jan. 1-3.
CHLORIDE: Maximum daily, 4,900 mg/L Nov. 23, Sept. 22; minimum daily, 21 mg/L June 12.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.0	21.5	17.0	6.0	10.0	10.0	18.0	25.0	24.0	28.0	29.0	29.0
2	24.0	22.0	17.0	6.0	10.0	11.0	18.0	25.0	24.0	27.0	28.0	29.0
3	25.0	22.0	17.0	6.0	12.0	11.0	20.0	25.0	25.0	27.0	26.0	29.0
4	---	---	18.0	7.0	12.0	14.0	20.0	25.0	25.0	28.0	26.0	29.0
5	26.0	23.0	19.0	8.0	11.0	17.0	20.0	25.0	25.0	28.0	26.0	28.0
6	26.0	23.0	19.0	8.0	11.0	14.0	19.0	25.0	26.0	28.0	26.0	28.0
7	25.0	22.0	17.0	8.0	10.0	14.0	19.0	25.0	26.0	29.0	26.0	27.0
8	---	21.0	16.0	9.0	10.0	14.0	19.0	26.0	27.0	29.0	28.0	27.0
9	---	---	16.0	10.0	11.0	14.0	19.0	25.0	27.0	29.0	28.0	27.0
10	25.0	20.0	16.0	12.0	13.0	14.0	20.0	24.0	27.0	30.0	29.0	27.0
11	---	19.0	17.0	10.0	13.0	16.0	21.0	24.0	27.0	30.0	29.0	28.0
12	26.0	19.0	17.0	10.0	14.0	16.0	21.0	24.0	27.0	30.0	29.0	28.0
13	---	19.0	16.0	10.0	15.0	16.0	20.0	25.0	28.0	30.0	29.0	28.0
14	23.0	19.0	16.0	10.0	15.0	17.0	20.0	26.0	28.0	30.0	28.0	29.0
15	23.0	20.0	16.0	10.0	16.0	18.0	20.0	27.0	28.0	30.0	28.0	29.0
16	---	18.0	15.0	10.0	16.0	19.0	20.0	26.0	28.0	30.0	28.0	28.0
17	---	17.0	15.0	10.0	17.0	19.0	19.0	26.0	28.0	29.0	28.0	28.0
18	24.0	17.0	14.0	10.0	17.0	21.0	19.0	26.0	28.0	29.0	30.0	27.0
19	25.0	17.0	14.0	8.0	17.0	21.0	19.0	26.0	28.0	28.0	30.0	27.0
20	25.0	17.0	15.0	7.0	17.0	20.0	20.0	25.0	29.0	28.0	30.0	26.0
21	25.0	18.0	13.0	7.0	16.0	18.0	20.0	25.0	29.0	28.0	30.0	26.0
22	25.0	20.0	15.0	8.0	16.0	18.0	21.0	26.0	30.0	28.0	30.0	26.0
23	25.0	21.0	13.0	8.0	15.0	18.0	21.0	25.0	30.0	29.0	30.0	26.0
24	24.0	21.0	13.0	9.0	15.0	18.0	22.0	25.0	30.0	29.0	30.0	26.0
25	23.0	19.0	14.0	10.0	15.0	19.0	22.0	26.0	30.0	29.0	28.0	26.0
26	---	---	10.0	10.0	16.0	19.0	23.0	26.0	30.0	29.0	30.0	27.0
27	---	17.0	7.0	10.0	16.0	20.0	23.0	26.0	31.0	29.0	30.0	27.0
28	20.0	17.0	11.0	10.0	13.0	20.0	23.0	27.0	31.0	29.0	30.0	27.0
29	20.0	16.0	9.0	11.0	10.0	19.0	23.0	26.0	30.0	29.0	30.0	27.0
30	20.0	16.0	9.0	11.0	---	18.0	25.0	26.0	30.0	29.0	29.0	25.0
31	---	---	7.0	11.0	---	18.0	---	24.0	---	29.0	29.0	---
MAX	---	23.0	19.0	12.0	17.0	21.0	25.0	27.0	31.0	30.0	30.0	29.0
MIN	---	16.0	7.0	6.0	10.0	10.0	18.0	24.0	24.0	27.0	26.0	25.0

07381230 BAYOU LAFOURCHE (AT INTRACOASTAL WATERWAY) AT LAROSE, LA (CE 82203)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	340	370	740	41	40	41	34	46	32	34	57	45
2	210	600	870	40	41	38	32	34	26	35	200	44
3	180	690	900	40	45	32	40	61	32	34	310	46
4	74	980	450	45	44	78	36	110	29	34	340	46
5	76	1200	410	36	46	66	46	140	23	34	70	39
6	40	300	200	40	44	38	44	520	22	30	78	39
7	30	320	180	35	44	39	54	520	43	28	27	51
8	34	360	140	33	45	36	37	630	24	31	30	42
9	34	340	120	32	41	34	38	300	24	29	29	41
10	36	420	120	38	45	36	30	240	24	31	33	140
11	39	540	68	40	44	36	32	71	26	32	33	140
12	38	500	63	39	62	34	74	75	21	31	28	82
13	400	560	60	46	61	36	80	41	22	30	29	48
14	190	580	78	40	48	38	75	36	25	31	43	38
15	110	350	58	38	---	32	35	34	24	31	44	38
16	96	240	66	36	44	34	30	32	24	28	33	35
17	580	280	64	43	44	36	30	34	25	29	40	36
18	600	240	60	42	46	33	36	34	23	28	36	410
19	740	260	58	45	57	31	240	34	27	29	27	400
20	980	200	56	34	58	34	230	32	28	27	27	590
21	940	200	58	44	42	30	240	31	28	28	26	3200
22	440	1000	100	45	44	34	350	68	27	24	22	4900
23	460	4900	46	36	40	36	350	63	28	25	22	4800
24	260	280	44	36	36	26	510	32	31	25	27	1800
25	260	260	46	61	38	40	160	32	30	24	34	1800
26	240	190	52	55	190	35	200	31	34	28	34	1300
27	200	360	48	58	180	32	370	30	30	26	39	1300
28	230	400	47	52	44	32	360	32	33	26	41	1700
29	230	640	48	38	42	32	46	29	33	25	45	1600
30	300	610	38	42	---	36	44	34	34	27	46	720
31	300	---	68	38	---	35	---	34	---	27	46	---
MAX	980	4900	900	61	190	78	510	630	43	35	340	4900
MIN	30	190	38	32	36	26	30	29	21	24	22	35

292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)

LOCATION.--Lat 29°22'45", long 90°12'32", T.19 S., R.9 E., Lafourche Parish, Hydrologic Unit 08090301, at Galliano.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to July 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1978, October 1980 to July 1984 (discontinued).
CHLORIDE: October 1974 to July 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 7, 1977; minimum daily, 0.5°C Dec. 22-31, 1983, Jan. 1, 1984.
CHLORIDE: Maximum daily, 12,000 mg/L Mar. 30, 1977, Jan. 26, 1981; minimum daily, 10 mg/L Apr. 15, 21, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Minimum daily, 0.5°C Dec. 22-31, Jan. 1.

TEMPERATURE, WATER (DEG. C), OCTOBER 1983 TO JULY 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
1	20.0	20.0	20.0	.5	10.5	20.0	11.0	20.0	20.5	20.5
2	20.0	20.0	20.0	1.0	10.5	20.0	11.0	20.0	20.5	20.5
3	20.0	20.0	20.0	1.0	10.5	20.0	11.0	20.0	20.5	21.0
4	20.5	20.0	20.0	1.0	10.5	20.0	11.0	20.0	20.5	20.5
5	20.0	20.0	20.0	1.0	10.5	20.0	20.0	20.0	20.5	20.5
6	20.5	20.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	21.0
7	20.0	20.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	20.0
8	20.0	20.0	10.5	1.0	10.5	20.0	20.0	20.0	20.0	21.0
9	20.5	20.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	20.5
10	20.0	11.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	20.5
11	20.5	11.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	21.0
12	20.0	11.0	10.5	1.0	11.0	20.0	---	20.0	20.5	20.5
13	20.0	11.0	11.0	1.0	11.0	20.0	20.0	20.0	20.5	21.0
14	21.0	11.0	10.5	1.0	11.0	20.0	20.0	20.0	20.5	21.0
15	20.0	11.0	10.5	1.0	11.0	20.0	20.0	20.0	20.5	20.5
16	11.0	11.0	10.5	1.0	20.0	20.0	20.0	20.0	20.5	20.5
17	11.0	11.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	21.0
18	20.0	11.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	---
19	20.0	11.0	10.5	1.0	10.5	11.0	20.0	20.0	20.5	---
20	11.0	20.0	10.5	1.0	10.5	11.0	20.0	20.0	20.5	---
21	20.0	20.0	10.5	1.0	10.5	20.0	20.0	20.0	20.5	---
22	20.0	20.0	.5	1.0	10.5	11.0	20.0	20.0	20.5	---
23	20.0	20.0	.5	1.0	10.5	20.0	20.0	20.0	20.5	---
24	11.0	20.0	.5	1.0	10.5	11.0	20.0	20.0	20.5	---
25	20.0	20.0	.5	1.0	10.5	11.0	20.0	21.0	20.5	---
26	20.0	20.0	.5	1.0	10.5	11.0	20.0	21.0	20.5	---
27	20.0	20.0	.5	1.0	10.0	11.0	20.0	21.0	20.5	---
28	20.0	20.0	.5	10.5	10.0	11.0	20.0	21.0	20.5	---
29	20.0	20.0	.5	10.5	9.0	20.0	20.0	21.0	20.5	---
30	20.0	20.0	.5	10.5	---	11.0	20.0	21.0	20.5	---
31	20.0	---	.5	10.5	---	11.0	---	21.0	---	---
MAX	21.0	20.0	20.0	10.5	20.0	20.0	20.0	21.0	20.5	---
MIN	11.0	11.0	.5	.5	9.0	11.0	11.0	20.0	20.0	---

292245090123200 BAYOU LAFOURCHE AT GALLIANO, LA (CE 82300)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), OCTOBER 1983 TO JULY 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
1	2000	5000	980	46	1400	96	130	190	53	46
2	1300	2500	940	45	1400	90	120	200	54	50
3	1300	2600	940	50	1400	88	120	180	49	50
4	1300	2500	940	45	1400	86	120	190	50	60
5	1300	2600	990	100	1400	82	1500	190	47	54
6	1300	2400	190	130	1400	90	1500	200	48	49
7	1300	1500	160	120	1400	89	1600	200	41	50
8	1300	2500	140	120	1400	85	4200	180	46	40
9	1300	2500	100	120	1400	86	2000	180	40	40
10	880	1800	110	120	1400	86	1700	190	44	40
11	3800	1900	120	120	1400	88	1700	2200	36	37
12	3900	1800	100	120	300	87	---	4300	40	39
13	360	1800	---	110	300	86	9000	2300	42	36
14	360	2100	---	130	300	89	9000	4400	40	37
15	340	2000	---	120	300	85	9800	3400	40	46
16	330	2100	---	110	180	48	2000	3500	40	36
17	330	2100	---	110	71	44	11000	3400	40	38
18	340	2100	---	120	65	76	11000	3300	38	---
19	330	2100	---	56	66	72	11000	3300	38	---
20	320	980	---	56	63	72	11000	3400	41	---
21	320	960	---	56	66	75	9100	3300	41	---
22	320	970	---	55	49	71	470	150	36	---
23	320	960	---	1700	44	70	53	160	42	---
24	320	940	---	51	45	82	220	210	43	---
25	330	1000	---	50	44	120	52	60	44	---
26	320	1000	---	70	42	120	60	59	42	---
27	4900	960	---	50	42	120	44	51	40	---
28	4900	1000	---	1400	46	120	56	49	40	---
29	4900	980	---	1500	---	120	50	48	35	---
30	5000	960	---	1400	---	120	59	52	38	---
31	4900	---	---	1500	---	120	---	50	---	---
MAX	5000	5000	---	1700	1400	120	11000	4400	54	---
MIN	320	940	---	45	42	44	44	48	35	---

293313090360500 BAYOU TERREBONNE AT BOURG, LA (CE 76403)

LOCATION.-- Lat 29°33'13", long 90°36'05", T.17 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, 0.2 mi downstream of Company Canal, at Bourg.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, March 1980 to September 1984 (discontinued).
CHLORIDE-SURFACE: October 1974 to November 1978, November 1979 to September 1984 (discontinued).
CHLORIDE-10 FT DEPTH: October 1975 to November 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples collected at the water surface and at a 10-ft depth.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 32.0°C July 4, 5, 1978, July 23, 1981; minimum daily, 3.0°C Jan. 15, 1978.
CHLORIDE-SURFACE: Maximum observed, 7,500 mg/L Mar. 30, 1977; minimum daily, 14 mg/L May 31, 1975.
CHLORIDE-10 FT DEPTH: Maximum daily, 7,700 mg/L May 19, 1981; minimum daily, 14 mg/L Mar. 5, 1978.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C June 21-23, 25, 26; minimum daily, 6.0°C Dec. 25, 26, 30, 31, Jan. 21, 22.
CHLORIDE-SURFACE: Maximum daily, 4,900 mg/L Sept. 23; minimum daily, 15 mg/L Aug. 16.
CHLORIDE-10 FT DEPTH: Maximum daily, 5,200 mg/L Sept. 25; minimum daily, 15 mg/L Aug. 16.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.0	20.0	16.0	7.0	11.0	15.0	19.0	24.0	23.0	25.0	27.0	27.0
2	23.0	21.0	16.0	7.0	11.0	15.0	19.0	23.0	23.0	25.0	26.0	26.0
3	23.0	21.0	17.0	8.0	13.0	12.0	20.0	23.0	23.0	26.0	25.0	26.0
4	24.0	21.0	17.0	8.0	12.0	14.0	19.0	23.0	24.0	26.0	24.0	26.0
5	25.0	21.0	17.0	9.0	12.0	19.0	18.0	23.0	25.0	26.0	25.0	26.0
6	24.0	21.0	17.0	10.0	11.0	19.0	17.0	24.0	25.0	27.0	25.0	26.0
7	23.0	21.0	16.0	10.0	11.0	13.0	18.0	25.0	25.0	27.0	25.0	25.0
8	23.0	21.0	17.0	11.0	11.0	13.0	18.0	24.0	25.0	27.0	26.0	25.0
9	23.0	21.0	17.0	11.0	11.0	13.0	19.0	22.0	25.0	27.0	26.0	26.0
10	23.0	20.0	17.0	11.0	12.0	13.0	10.0	22.0	26.0	27.0	26.0	26.0
11	24.0	18.0	18.0	10.0	15.0	12.0	20.0	23.0	26.0	28.0	26.0	28.0
12	24.0	17.0	17.0	9.0	17.0	12.0	20.0	23.0	25.0	28.0	26.0	29.0
13	23.0	18.0	17.0	10.0	15.0	12.0	20.0	23.0	25.0	28.0	26.0	28.0
14	23.0	20.0	16.0	10.0	15.0	19.0	20.0	24.0	25.0	28.0	27.0	28.0
15	22.0	20.0	14.0	10.0	16.0	22.0	19.0	24.0	26.0	28.0	28.0	28.0
16	23.0	18.0	13.0	9.0	16.0	22.0	18.0	25.0	26.0	28.0	28.0	28.0
17	24.0	16.0	13.0	10.0	18.0	22.0	17.0	24.0	26.0	27.0	29.0	27.0
18	24.0	16.0	13.0	10.0	18.0	19.0	18.0	24.0	26.0	27.0	29.0	26.0
19	24.0	18.0	12.0	9.0	19.0	19.0	20.0	24.0	28.0	26.0	27.0	28.0
20	24.0	18.0	11.0	8.0	17.0	17.0	21.0	24.0	29.0	28.0	27.0	24.0
21	24.0	18.0	13.0	6.0	15.0	16.0	21.0	24.0	30.0	29.0	27.0	24.0
22	24.0	19.0	13.0	6.0	15.0	17.0	20.0	---	30.0	29.0	26.0	24.0
23	23.0	21.0	10.0	8.0	15.0	17.0	20.0	24.0	30.0	29.0	28.0	25.0
24	21.0	19.0	9.0	10.0	15.0	17.0	21.0	26.0	29.0	29.0	27.0	25.0
25	20.0	15.0	6.0	10.0	15.0	18.0	22.0	26.0	30.0	28.0	27.0	25.0
26	19.0	15.0	6.0	9.0	15.0	20.0	23.0	26.0	30.0	27.0	28.0	25.0
27	19.0	18.0	7.0	9.0	15.0	20.0	24.0	27.0	29.0	27.0	28.0	25.0
28	19.0	16.0	13.0	10.0	17.0	20.0	25.0	28.0	27.0	27.0	27.0	24.0
29	19.0	15.0	9.0	10.0	16.0	19.0	26.0	27.0	27.0	28.0	27.0	23.0
30	19.0	15.0	6.0	10.0	---	18.0	24.0	25.0	27.0	27.0	27.0	22.0
31	22.0	---	6.0	---	---	18.0	---	23.0	---	---	27.0	---
MAX	25.0	21.0	18.0	11.0	19.0	22.0	26.0	28.0	30.0	29.0	29.0	29.0
MIN	19.0	15.0	6.0	6.0	11.0	12.0	10.0	22.0	23.0	25.0	24.0	22.0

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MISSISSIPPI RIVER DELTA

293313090360500 BAYOU TERREBONNE AT BOURG, LA (CE 76403)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

SAMPLING DEPTH 5.00(FT), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	490	800	28	34	26	28	31	27	29	26	34
2	290	400	360	32	35	28	29	71	20	32	220	32
3	300	460	300	32	35	26	32	72	26	32	210	31
4	340	500	320	32	35	33	28	680	23	42	210	32
5	130	520	340	32	35	32	27	92	19	43	32	33
6	860	500	120	32	36	34	26	170	21	31	43	31
7	640	510	---	35	35	30	26	1700	20	30	23	30
8	640	1300	67	36	48	28	26	960	17	30	22	29
9	630	1300	---	33	48	31	28	190	20	30	22	29
10	630	560	---	32	45	29	26	190	20	30	20	30
11	900	240	66	34	42	30	28	46	19	32	21	42
12	920	220	56	34	44	30	30	44	22	26	20	46
13	450	230	51	32	28	30	25	36	19	28	21	43
14	320	230	---	34	34	29	26	28	18	27	18	85
15	360	160	50	35	31	28	24	31	20	28	17	96
16	380	110	50	34	34	28	26	32	20	28	15	510
17	420	110	---	36	34	25	28	31	19	22	23	270
18	460	100	49	34	33	24	28	24	21	22	26	210
19	500	130	46	32	32	23	29	33	23	20	19	46
20	500	3500	44	34	33	19	80	28	23	22	34	46
21	1400	3800	44	34	32	26	---	30	22	22	34	100
22	700	3700	42	32	33	21	---	---	23	24	38	3300
23	590	4800	34	44	33	20	---	21	27	25	39	4900
24	420	4800	34	36	34	23	52	22	27	27	40	3100
25	410	540	31	36	35	23	52	26	28	48	41	3200
26	310	440	28	36	35	25	56	23	23	48	43	2400
27	350	480	34	34	36	25	130	25	32	34	41	2200
28	400	1300	130	34	33	26	200	24	35	36	32	640
29	360	660	31	33	35	25	210	24	32	34	33	2900
30	400	560	34	36	---	24	45	26	32	29	34	3100
31	480	---	30	---	---	26	---	26	---	26	26	---
MAX	1400	4800	800	44	48	34	210	1700	35	48	220	4900
MIN	76	100	28	28	28	19	24	21	17	20	15	29

SAMPLING DEPTH 10.00(FT), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	620	780	38	36	26	30	31	29	33	27	34
2	300	390	440	29	36	31	29	74	28	31	230	32
3	360	490	480	43	35	27	34	74	26	31	210	32
4	330	640	530	34	35	35	29	680	23	44	210	32
5	130	620	530	35	37	34	27	94	20	34	32	35
6	860	660	120	32	35	36	27	180	19	31	43	32
7	620	680	130	40	38	31	27	3000	20	31	25	30
8	650	1300	66	35	47	31	26	1600	18	29	22	30
9	640	1300	74	35	47	31	29	190	20	30	22	31
10	640	550	---	31	43	33	29	170	18	31	21	30
11	940	240	70	37	43	31	28	46	19	32	21	44
12	950	280	60	34	43	31	31	46	20	28	21	46
13	480	250	---	34	26	32	27	36	20	30	21	43
14	340	230	50	35	34	29	26	34	19	31	18	85
15	420	160	51	37	30	27	26	32	23	29	18	99
16	390	110	52	37	34	28	28	37	20	29	15	530
17	420	110	47	39	32	26	30	31	21	22	24	290
18	500	100	46	33	33	22	28	34	21	23	26	230
19	500	130	52	33	34	23	29	32	25	21	20	47
20	520	3600	47	36	35	21	100	33	24	23	34	46
21	1400	3900	44	34	34	20	---	32	24	23	35	100
22	---	3900	44	33	35	20	---	---	27	25	37	3300
23	610	4900	38	39	32	23	---	24	29	27	41	5000
24	540	4900	36	64	35	23	58	26	25	28	40	4500
25	410	520	31	39	36	25	52	26	29	48	41	5200
26	400	920	32	38	37	25	56	24	25	49	42	2500
27	380	520	36	34	36	27	130	26	33	36	42	2300
28	480	1400	130	35	33	27	250	26	37	36	32	640
29	450	690	34	36	31	25	240	26	32	35	34	3100
30	460	620	34	38	---	23	46	26	32	30	36	3200
31	570	---	31	---	---	27	---	26	---	26	26	---
MAX	1400	4900	780	64	47	36	250	3000	37	49	230	5200
MIN	81	100	31	29	26	20	26	24	18	21	15	30

BEST COPY AVAILABLE

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)

LOCATION.--Lat 29°22'58", long 90°42'55", T.19 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, 0.8 mi south of Dulac at bridge.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1977 to November 1978, March 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to November 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C Oct. 10, Nov. 1, 8, 17, 21, 1977, May 25, July 1, 1978; minimum daily, 4.0°C Dec. 25, 31, 1983.
CHLORIDE: Maximum daily, 18,000 mg/L Nov.2, 1974; minimum daily, 14 mg/L Aug. 6, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 32.0°C on many days during June, July, Aug., and Sept.; minimum daily, 4.0°C Dec. 25, 31.
CHLORIDE: Maximum daily, 11,000 mg/L Oct. 17, 19, 20, Nov. 1, 2, 27; minimum daily, 74 mg/L July 22.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.0	24.0	18.0	---	12.0	10.0	20.0	26.0	26.0	28.0	30.0	30.0
2	26.0	26.0	18.0	8.0	12.0	12.0	20.0	26.0	26.0	30.0	28.0	30.0
3	28.0	24.0	20.0	8.0	12.0	16.0	22.0	26.0	26.0	30.0	26.0	32.0
4	30.0	24.0	22.0	8.0	12.0	14.0	22.0	28.0	28.0	30.0	28.0	30.0
5	30.0	24.0	22.0	10.0	12.0	16.0	18.0	26.0	28.0	30.0	30.0	30.0
6	26.0	22.0	20.0	12.0	10.0	16.0	20.0	28.0	28.0	32.0	30.0	30.0
7	26.0	22.0	16.0	10.0	12.0	16.0	20.0	28.0	28.0	32.0	30.0	28.0
8	26.0	22.0	18.0	12.0	12.0	14.0	20.0	28.0	28.0	32.0	30.0	28.0
9	28.0	22.0	18.0	12.0	14.0	16.0	20.0	24.0	28.0	32.0	32.0	30.0
10	28.0	20.0	20.0	12.0	14.0	16.0	22.0	26.0	28.0	32.0	32.0	30.0
11	28.0	18.0	20.0	10.0	16.0	16.0	22.0	26.0	28.0	32.0	32.0	30.0
12	26.0	18.0	12.0	10.0	18.0	18.0	24.0	26.0	30.0	32.0	30.0	30.0
13	24.0	20.0	16.0	10.0	18.0	20.0	24.0	28.0	30.0	---	30.0	---
14	24.0	20.0	16.0	10.0	16.0	20.0	26.0	28.0	30.0	---	30.0	32.0
15	22.0	18.0	16.0	12.0	18.0	20.0	24.0	28.0	30.0	32.0	30.0	32.0
16	22.0	18.0	14.0	12.0	20.0	22.0	22.0	28.0	30.0	30.0	30.0	30.0
17	26.0	20.0	14.0	10.0	22.0	22.0	20.0	26.0	30.0	30.0	32.0	30.0
18	24.0	20.0	14.0	10.0	20.0	22.0	22.0	26.0	30.0	30.0	32.0	26.0
19	26.0	18.0	14.0	8.0	20.0	20.0	24.0	26.0	32.0	30.0	32.0	26.0
20	28.0	20.0	12.0	6.0	18.0	20.0	24.0	26.0	32.0	32.0	32.0	26.0
21	28.0	20.0	14.0	6.0	18.0	18.0	26.0	28.0	32.0	32.0	32.0	26.0
22	28.0	22.0	14.0	8.0	18.0	18.0	26.0	26.0	32.0	32.0	32.0	26.0
23	24.0	20.0	12.0	8.0	16.0	20.0	24.0	28.0	32.0	32.0	32.0	26.0
24	24.0	20.0	6.0	10.0	18.0	20.0	24.0	28.0	32.0	32.0	32.0	28.0
25	24.0	18.0	4.0	10.0	16.0	20.0	24.0	30.0	32.0	30.0	30.0	---
26	22.0	20.0	6.0	10.0	16.0	20.0	26.0	30.0	32.0	32.0	30.0	---
27	20.0	18.0	8.0	10.0	16.0	20.0	26.0	30.0	30.0	32.0	30.0	---
28	20.0	18.0	10.0	12.0	12.0	22.0	26.0	30.0	30.0	32.0	32.0	---
29	22.0	16.0	8.0	14.0	10.0	18.0	26.0	30.0	30.0	32.0	32.0	---
30	24.0	18.0	6.0	14.0	---	18.0	26.0	26.0	28.0	30.0	32.0	---
31	24.0	---	4.0	12.0	---	18.0	---	26.0	---	30.0	32.0	---
MAX	30.0	26.0	22.0	14.0	22.0	22.0	26.0	30.0	32.0	32.0	32.0	32.0
MIN	20.0	16.0	4.0	6.0	10.0	10.0	18.0	24.0	26.0	28.0	26.0	26.0

292258090425500 BAYOU GRAND CAILLOU AT DULAC, LA (CE 76323)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6300	11000	3800	---	1300	1100	100	690	1500	160	---	520
2	7100	11000	2800	1100	260	980	6400	4400	330	160	1500	1600
3	7100	10000	5500	900	300	590	3400	4800	350	970	1800	3500
4	8200	7600	5800	470	280	1300	3500	1200	160	130	1000	3200
5	7600	7300	4700	1100	740	1400	2300	2100	160	170	700	3100
6	5700	7100	3600	300	1100	740	1700	2900	1300	110	2400	3100
7	5600	7000	4200	280	590	1000	1600	3400	1300	100	3800	5900
8	7200	8600	2600	460	1000	300	5100	3200	1600	95	2300	5900
9	6400	8800	2100	1600	5200	110	5100	2000	4000	320	1000	6000
10	4700	5800	4100	1600	4900	130	5900	1400	4000	1100	180	5500
11	9900	4900	4600	1800	3600	1100	2900	2400	4100	1100	190	4500
12	6200	4500	---	2900	6600	1000	4500	780	1200	2200	160	3400
13	6100	7500	2000	560	4600	780	4200	490	890	---	120	2400
14	4600	6900	1900	900	3700	890	3100	520	560	---	560	2100
15	9500	4600	---	1800	2800	200	2800	200	300	140	560	2000
16	9900	4800	---	1800	2500	89	1100	770	310	150	350	1600
17	11000	2400	1100	1500	2800	940	590	1100	170	100	1000	4900
18	8900	4900	---	3200	1000	980	1100	5600	160	100	350	7300
19	11000	10000	1600	2100	1000	1000	3100	4200	130	100	2100	9800
20	11000	10000	5000	1800	1300	230	2500	4800	1400	100	2100	7400
21	6000	8700	4800	1900	1400	400	7200	1800	610	100	1900	8300
22	5900	9600	2900	3200	1100	1600	5700	2500	1400	74	1100	8400
23	5500	8900	2700	6700	1600	1200	1400	3700	520	110	870	8300
24	5500	8800	2400	5000	730	---	590	2400	450	990	880	6400
25	5300	7200	2600	3300	720	---	1300	2000	440	1600	2300	---
26	5700	6200	8400	850	2700	390	3400	1400	590	2900	1500	---
27	7600	11000	6800	820	8700	2700	5400	620	260	3400	610	---
28	8400	8000	3300	1100	2800	3000	3900	200	270	3500	340	---
29	5000	5600	2900	1800	2800	1700	1400	2800	120	1800	200	---
30	6700	2800	690	1700	---	790	1400	420	190	---	180	---
31	6600	---	410	2000	---	540	---	1500	---	---	540	---
MAX	11000	11000	8400	6700	8700	3000	7200	5600	4100	3500	3800	9800
MIN	4600	2400	410	280	260	89	100	200	120	74	120	520

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292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)

LOCATION.--Lat 29°23'00", long 90°37'30", T.19 S., R.18 E., Terrebonne Parish, Hydrologic Unit 08090302, 5.7 mi east of Dulac.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, November 1979 to September 1984 (discontinued).
CHLORIDE: October 1974 to November 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 35.0°C July 4-6, 1978; minimum daily, 3.5°C Jan. 20, 1977.
CHLORIDE: Maximum daily, 9,600 mg/L Mar. 30, Oct. 26, 1981; minimum daily, 12 mg/L Aug. 2, 12, 1975.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C June 19-24, July 14, 15, Aug. 17-22; minimum daily, 5.5°C Jan. 21.
CHLORIDE: Maximum daily, 7,700 mg/L Nov. 26; minimum daily, 54 mg/L Aug. 29.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	23.0	17.0	9.5	12.0	15.0	20.0	26.0	26.0	25.0	28.0	28.0
2	24.0	23.0	18.0	9.5	12.0	15.0	20.0	25.0	26.0	25.0	26.0	28.0
3	24.0	23.0	18.0	15.0	12.0	15.0	20.0	25.0	26.0	28.0	26.0	28.0
4	24.0	23.0	20.0	15.0	10.0	15.0	22.0	25.0	26.0	28.0	29.0	27.0
5	24.0	21.0	20.0	15.0	10.0	15.0	22.0	25.0	27.0	28.0	29.0	27.0
6	23.0	21.0	18.0	12.0	10.0	15.0	22.0	25.0	27.0	28.0	29.0	28.0
7	23.0	21.0	18.0	11.0	10.0	15.0	22.0	25.0	28.0	28.0	29.0	28.0
8	24.0	21.0	18.0	14.0	15.0	14.5	20.0	24.0	28.0	28.0	---	28.0
9	24.0	21.0	18.0	14.0	15.0	14.5	20.0	24.0	28.0	28.0	29.0	28.0
10	24.0	21.0	18.0	14.0	20.0	17.0	21.0	24.0	28.0	28.0	29.0	28.0
11	24.0	20.0	18.0	9.0	20.0	17.0	21.5	24.0	28.0	28.0	29.0	28.0
12	23.0	20.0	16.0	9.0	20.0	17.0	22.0	26.0	28.0	29.0	29.0	28.0
13	22.0	20.0	15.0	11.0	17.0	20.0	23.0	26.0	28.0	29.0	29.0	28.0
14	23.0	20.0	13.0	10.0	18.0	20.0	23.0	26.0	28.0	30.0	28.0	28.0
15	23.0	20.0	13.0	10.0	18.0	20.0	20.0	26.0	28.0	30.0	28.0	25.0
16	23.0	19.0	13.0	10.0	19.5	20.0	20.0	26.0	28.0	28.0	28.0	25.0
17	23.0	19.0	13.0	10.0	19.5	24.0	20.0	26.0	28.0	28.0	30.0	25.0
18	23.0	19.0	13.0	10.0	20.0	23.0	20.0	26.0	28.0	28.0	30.0	24.0
19	23.0	19.0	13.0	10.0	19.5	23.0	22.0	25.0	30.0	28.0	30.0	24.0
20	23.0	19.0	13.0	6.0	17.5	19.5	22.0	25.0	30.0	28.0	30.0	24.0
21	23.0	19.0	13.0	5.5	14.0	18.0	22.0	26.0	30.0	28.0	30.0	24.0
22	23.0	19.0	10.0	9.0	14.0	18.0	22.0	25.0	30.0	28.0	30.0	24.0
23	22.0	19.0	10.0	10.5	16.0	20.0	24.0	25.0	30.0	28.0	---	24.0
24	22.0	17.0	10.0	10.5	16.0	20.0	24.0	27.0	30.0	28.0	---	24.0
25	17.0	16.0	20.0	10.0	17.0	20.0	24.0	27.0	28.0	28.0	---	26.0
26	17.0	18.0	20.0	10.0	17.0	20.0	24.0	27.0	28.0	28.0	---	26.0
27	17.0	19.0	20.0	12.0	14.0	19.0	24.0	27.0	28.0	28.0	28.0	26.0
28	20.0	17.0	20.0	15.5	14.0	19.0	26.0	27.0	28.0	28.0	28.0	22.0
29	20.0	15.5	20.0	15.5	12.0	19.0	26.0	23.0	28.0	28.0	26.0	23.0
30	21.0	15.5	20.0	13.0	---	19.0	26.0	23.0	28.0	28.0	27.0	23.0
31	21.0	---	20.0	12.0	---	19.0	---	---	---	28.0	27.0	---
MAX	25.0	23.0	20.0	15.5	20.0	24.0	26.0	27.0	30.0	30.0	30.0	28.0
MIN	17.0	15.5	10.0	5.5	10.0	14.5	20.0	23.0	26.0	25.0	26.0	22.0

292300090370000 BAYOU PETIT CAILLOU NEAR BOUDREAUX CANAL, NEAR DULAC, LA (CE 76303)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2600	5000	4500	1200	540	460	400	3000	1500	3000	1600	930
2	1900	4900	3600	1100	470	2700	430	6600	1600	3000	2200	880
3	1900	5000	3600	1500	1100	2600	420	6900	720	1700	2200	860
4	2400	4400	3500	1400	1100	2300	[illegible]	6700	760	1000	120	700
5	2400	4400	3000	1400	650	360	1000	6500	1300	1000	120	480
6	2300	4500	1900	3600	1300	340	1300	6500	1200	1000	2100	550
7	2400	4500	2000	3700	1300	320	1300	6500	2000	1300	2300	1900
8	2900	4400	1900	3400	1200	200	1100	6500	2200	1400	2500	1800
9	2900	4500	1900	3400	1700	99	960	860	2100	1400	2600	1800
10	2900	4500	440	4800	1800	92	1300	760	2100	1200	3700	1800
11	2300	3800	570	1500	1700	340	1400	720	1500	1500	4300	740
12	2300	3900	590	2000	1700	400	1900	580	800	490	4700	800
13	2400	5600	610	560	1700	490	1900	1200	240	490	4600	740
14	2500	5600	2800	1000	570	490	1400	2300	240	560	330	1900
15	2400	3600	2800	1100	1200	510	780	2800	670	700	370	1900
16	2400	3500	1300	1000	1300	1000	800	2800	600	740	340	1900
17	2400	3600	1300	680	1000	2100	620	1600	400	1200	970	2000
18	3800	3500	1300	720	1000	2600	340	5500	350	1200	1000	3900
19	3900	5700	1300	800	640	390	5200	5700	410	820	1000	3900
20	3800	5700	1600	990	600	340	6200	5500	390	850	1000	3400
21	5600	5600	2100	1000	600	1000	6200	5600	1400	850	920	4900
22	5600	5800	1300	530	1800	1200	6200	2000	1600	866	960	5000
23	4300	5800	---	1500	1800	300	1200	1300	2200	680	---	4900
24	4200	5700	---	1200	360	260	1200	1300	2100	1000	---	5000
25	4000	4400	3300	1700	310	210	1200	1200	3300	710	---	4800
26	3900	7700	3500	1900	1000	240	1100	1200	3200	820	---	4700
27	3900	7500	3800	620	500	240	1500	1200	3300	960	70	4700
28	4500	2600	3800	600	480	240	1800	1200	3100	1000	75	3100
29	4500	2600	3600	620	520	240	3000	1200	3000	920	54	3100
30	5300	2600	3600	940	---	300	3100	1700	2600	1100	400	3100
31	5200	---	3500	---	---	300	---	---	---	1300	480	---
MAX	5600	7700	4500	4800	1800	2700	6200	6900	3300	3000	4700	5000
MIN	1900	2600	440	530	310	92	340	580	240	490	54	480

BEST COPY AVAILABLE

07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)

LOCATION.--Lat 29°32'22", long 90°42'16", in lot 15, T.8 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302 on right bank of canal and 0.8 mi east of Crozier.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1966, 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1978, October 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1975, October 1976 to October 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 38.0°C on Aug. 21, 1983; minimum daily, 7.0°C Jan. 20-23, 1978.
CHLORIDE: Maximum daily, 14,000 mg/L Sept. 23, 1984; minimum daily, 15 mg/L Apr. 25, 30, May 5, 11, 14, 31, 1980.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.0	21.0	---	---	16.0	17.0	21.0	23.0	22.0	---	35.0	35.0
2	33.0	---	---	---	16.0	18.0	20.0	---	22.0	23.0	---	35.0
3	33.0	---	---	---	17.0	19.0	---	22.0	23.0	23.0	---	35.0
4	33.0	---	---	15.0	17.0	19.0	22.0	22.0	23.0	24.0	34.0	35.0
5	33.0	---	---	16.0	18.0	19.0	19.0	23.0	24.0	---	35.0	35.0
6	33.0	---	---	17.0	17.0	18.0	20.0	23.0	23.0	---	34.0	35.0
7	33.0	---	20.0	17.0	17.0	---	20.0	23.0	23.0	27.0	34.0	35.0
8	---	---	20.0	17.0	---	18.0	20.0	23.0	24.0	25.0	35.0	34.0
9	---	22.0	20.0	17.0	17.0	18.0	19.0	22.0	---	25.0	35.0	34.0
10	---	21.0	20.0	17.0	17.0	18.0	19.0	---	24.0	25.0	35.0	34.0
11	---	20.0	20.0	---	18.0	18.0	20.0	---	24.0	25.0	---	---
12	33.0	21.0	20.0	16.0	18.0	19.0	---	22.0	24.0	25.0	---	36.0
13	33.0	21.0	19.0	17.0	19.0	18.0	---	23.0	24.0	35.0	---	35.0
14	32.0	21.0	---	16.0	18.0	19.0	21.0	23.0	24.0	---	---	36.0
15	34.0	---	18.0	---	19.0	19.0	21.0	24.0	24.0	---	35.0	35.0
16	34.0	---	17.0	16.0	19.0	---	20.0	23.0	---	---	---	35.0
17	34.0	---	18.0	17.0	---	20.0	20.0	23.0	25.0	---	---	35.0
18	34.0	---	18.0	---	20.0	20.0	20.0	22.0	24.0	35.0	---	34.0
19	---	---	17.0	---	20.0	20.0	20.0	---	25.0	35.0	---	---
20	34.0	---	17.0	---	20.0	19.0	21.0	---	25.0	35.0	---	34.0
21	34.0	---	17.0	14.0	19.0	19.0	---	22.0	25.0	36.0	---	33.0
22	33.0	---	---	14.0	19.0	19.0	22.0	---	---	36.0	---	34.0
23	33.0	---	---	14.0	19.0	19.0	---	22.0	26.0	35.0	---	34.0
24	21.0	---	15.0	15.0	19.0	---	---	24.0	27.0	35.0	---	34.0
25	21.0	---	---	---	19.0	20.0	17.0	24.0	24.0	35.0	---	---
26	21.0	---	14.0	15.0	20.0	---	23.0	24.0	24.0	---	---	34.0
27	20.0	---	15.0	16.0	18.0	---	22.0	25.0	25.0	35.0	---	34.0
28	21.0	---	14.0	---	15.0	21.0	23.0	25.0	25.0	35.0	---	33.0
29	---	---	15.0	---	16.0	20.0	23.0	25.0	25.0	35.0	---	33.0
30	20.0	---	14.0	---	---	20.0	23.0	---	---	35.0	---	32.0
31	21.0	---	15.0	20.0	---	20.0	---	22.0	---	35.0	---	---
MAX	34.0	---	---	---	20.0	21.0	23.0	---	27.0	---	---	36.0
MIN	20.0	---	---	---	15.0	17.0	17.0	---	22.0	---	---	32.0

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07381327 HOUMA NAVIGATION CANAL AT CROZIER, LA (CE 76343)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	930	3000	---	---	40	46	31	24	26	48	28	46
2	490	---	---	---	46	45	30	---	19	29	---	44
3	820	---	---	---	44	40	---	22	17	27	---	51
4	890	---	---	34	46	32	27	26	18	---	290	33
5	580	---	---	32	38	39	26	26	17	---	160	36
6	210	---	---	33	41	34	28	24	19	28	26	37
7	380	---	---	36	42	---	29	26	---	28	36	39
8	---	---	---	32	---	36	30	26	19	28	48	46
9	---	210	98	32	41	35	30	26	---	28	45	52
10	---	120	110	31	55	36	23	---	19	26	41	31
11	---	67	64	---	46	30	25	---	19	28	---	---
12	720	100	---	38	44	35	---	30	19	26	---	54
13	270	---	---	41	44	36	---	26	22	26	---	50
14	320	---	---	43	44	34	26	29	23	---	---	82
15	400	---	---	---	43	46	27	28	22	---	64	97
16	410	---	---	36	42	---	27	25	---	---	---	70
17	1900	---	---	36	---	35	27	24	24	---	---	120
18	2200	---	69	---	38	35	26	24	24	30	---	2100
19	---	---	---	---	26	30	26	---	25	25	---	---
20	4000	---	52	---	37	30	24	---	24	26	---	2200
21	5400	---	57	45	45	30	---	22	28	27	---	4700
22	4800	---	---	40	46	30	23	---	---	27	---	7100
23	2900	---	---	38	44	34	---	21	28	28	---	14000
24	2000	---	54	40	44	---	---	23	29	23	---	11000
25	1200	---	---	---	36	34	27	24	38	28	---	---
26	440	---	49	36	43	---	24	24	36	---	---	6800
27	280	---	44	40	32	---	22	21	29	28	---	5600
28	450	---	47	---	35	24	22	22	30	28	---	5000
29	---	---	49	---	46	25	22	23	28	23	---	5300
30	730	---	41	---	---	29	24	---	---	25	---	4100
31	2900	---	42	---	---	32	---	30	---	25	---	---
MAX	5400	---	---	---	55	46	31	---	38	---	---	14000
MIN	210	---	---	---	26	24	22	---	17	---	---	31

07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)

LOCATION.--Lat 29°35'55", long 90°42'36", in sec.8, T.17 S., R.17 E., Terrebonne Parish, Hydrologic Unit 08090302, at bridge on State Highway 24 at Houma.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1978 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: June 1981 to September 1984 (discontinued).
CHLORIDE: October 1980 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 31.0°C Oct. 8, 1981, July 7, 1982; minimum daily, 8.0°C Dec. 25-28, 1983.
CHLORIDE: Maximum daily, 8,100 mg/L Nov. 18, 1981; minimum daily, 15 mg/L June 27, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C June 23-26, 29, 30, July 1, 14-18; minimum daily, 8.0°C Dec. 25-28.
CHLORIDE: Maximum daily, 2,800 mg/L Nov. 23; minimum daily, 17 mg/L June 30.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.0	21.0	19.0	9.0	16.0	14.0	20.0	24.0	24.0	30.0	29.0	26.0
2	22.0	21.0	19.0	9.0	12.0	14.0	20.0	24.0	24.0	25.0	27.0	26.0
3	24.0	21.0	19.0	9.0	12.0	15.0	20.0	24.0	24.0	26.0	27.0	26.0
4	24.0	21.0	19.0	9.0	12.0	15.0	20.0	24.0	24.0	27.0	27.0	26.0
5	23.0	21.0	19.0	9.0	12.0	15.0	19.0	24.0	24.0	27.0	27.0	26.0
6	22.0	21.0	---	10.0	12.0	15.0	19.0	24.0	24.0	27.0	27.0	26.0
7	22.0	21.0	---	10.0	12.0	15.0	20.0	24.0	25.0	27.0	27.0	26.0
8	22.0	21.0	---	11.0	12.0	15.0	20.0	24.0	25.0	27.0	27.0	26.0
9	22.0	21.0	---	11.0	12.0	16.0	20.0	24.0	25.0	27.0	27.0	26.0
10	22.0	21.0	---	11.0	12.0	16.0	20.0	24.0	25.0	27.0	27.0	26.0
11	23.0	20.0	---	10.0	12.0	16.0	20.0	24.0	25.0	27.0	27.0	26.0
12	23.0	20.0	---	10.0	15.0	18.0	20.0	24.0	25.0	27.0	27.0	26.0
13	23.0	20.0	16.0	10.0	15.0	18.0	20.0	24.0	25.0	28.0	27.0	26.0
14	23.0	20.0	16.0	10.0	16.0	18.0	20.0	25.0	25.0	30.0	27.0	26.0
15	22.0	20.0	16.0	11.0	16.0	18.0	20.0	25.0	25.0	30.0	27.0	26.0
16	22.0	19.0	16.0	11.0	17.0	18.0	20.0	25.0	25.0	30.0	27.0	26.0
17	22.0	19.0	14.0	10.0	17.0	19.0	20.0	25.0	25.0	30.0	27.0	26.0
18	22.0	19.0	14.0	10.0	17.0	19.0	20.0	25.0	25.0	30.0	28.0	25.0
19	22.0	19.0	14.0	9.0	20.0	19.0	20.0	25.0	26.0	28.0	28.0	25.0
20	22.0	19.0	14.0	9.0	20.0	19.0	20.0	25.0	26.0	28.0	28.0	25.0
21	22.0	19.0	10.0	9.0	20.0	19.0	20.0	25.0	28.0	29.0	28.0	25.0
22	22.0	19.0	10.0	9.0	20.0	19.0	20.0	25.0	28.0	29.0	28.0	25.0
23	22.0	20.0	10.0	10.0	20.0	19.0	20.0	25.0	30.0	29.0	28.0	25.0
24	22.0	19.0	10.0	10.0	19.0	19.0	22.0	25.0	30.0	29.0	28.0	25.0
25	22.0	19.0	8.0	10.0	17.0	19.0	22.0	25.0	30.0	29.0	28.0	25.0
26	22.0	19.0	8.0	10.0	17.0	19.0	23.0	25.0	30.0	29.0	28.0	25.0
27	22.0	19.0	8.0	10.0	17.0	20.0	23.0	25.0	29.0	29.0	28.0	25.0
28	22.0	19.0	8.0	10.0	13.0	20.0	24.0	25.0	29.0	29.0	28.0	25.0
29	22.0	19.0	---	10.0	13.0	20.0	24.0	25.0	30.0	29.0	28.0	24.0
30	21.0	19.0	9.0	10.0	---	20.0	24.0	25.0	30.0	24.0	28.0	24.0
31	21.0	---	---	11.0	---	20.0	---	23.0	---	29.0	28.0	---
MAX	24.0	21.0	---	11.0	20.0	20.0	24.0	25.0	30.0	30.0	29.0	26.0
MIN	21.0	19.0	---	9.0	12.0	14.0	19.0	23.0	24.0	24.0	27.0	24.0

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07381330 INTRACOASTAL WATERWAY AT HOUMA, LA (CE 76320)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1600	330	92	32	40	34	22	26	30	30	26	32
2	1100	690	81	31	36	35	29	25	20	36	22	33
3	1300	630	78	36	33	27	28	30	18	34	23	34
4	1000	2100	78	37	33	25	26	25	18	31	22	32
5	800	2000	98	32	38	27	26	28	20	29	22	33
6	740	1900	---	30	38	24	26	27	24	29	23	33
7	850	2100	---	33	46	30	---	25	24	30	22	34
8	830	410	---	34	34	30	---	32	20	28	22	30
9	880	120	---	31	34	27	25	31	20	27	22	32
10	810	100	---	32	33	31	26	30	18	28	22	33
11	420	60	---	38	33	27	26	34	18	24	22	230
12	420	88	---	38	32	30	29	31	19	26	23	240
13	490	92	---	36	25	24	28	28	20	28	22	59
14	340	77	---	41	24	24	29	29	22	27	22	61
15	350	120	---	35	28	23	29	30	20	30	26	110
16	410	79	---	31	30	24	30	35	20	---	40	85
17	890	71	---	33	28	22	29	31	19	23	43	94
18	1500	92	---	32	27	23	29	29	22	25	41	150
19	1800	77	---	32	28	21	27	31	24	24	36	150
20	1900	1000	---	32	28	20	39	30	24	25	46	360
21	1800	1400	---	32	27	21	33	30	28	26	40	380
22	1600	2100	---	40	27	20	32	23	23	26	38	2000
23	1400	2800	---	33	27	20	32	24	27	26	39	2600
24	1100	1600	---	34	28	18	34	20	27	26	38	2300
25	920	1600	---	30	37	21	---	28	33	26	39	1600
26	500	1600	---	33	35	20	---	22	36	200	34	1600
27	500	480	---	34	35	28	---	20	28	210	35	1600
28	510	430	---	35	27	25	---	19	28	39	36	1600
29	490	440	---	35	27	24	---	22	26	28	27	2000
30	390	92	52	34	---	28	---	23	17	26	30	2000
31	380	---	22	36	---	25	---	30	---	24	29	---
MAX	1900	2800	---	41	46	35	---	35	36	210	46	2600
MIN	340	60	---	30	24	18	---	19	17	23	22	30

07381350 COMPANY CANAL AT LOCKPORT, LA

LOCATION.--Lat 29°38'42", long 90°32'41", in SW1/4 sec.18, T.16 S., R.19 E., Lafourche Parish, Hydrologic Unit 08090302, at center of bridge on State Highway 1 at Lockport.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1956, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1979 to current year.
WATER TEMPERATURES: December 1980 to current year.

INSTRUMENTATION.--Specific conductance recorder from July 25, 1979 to Dec. 15, 1980. Mini-monitor installed December 16, 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 7,310 micromhos Sept. 24, 1984; minimum, 120 micromhos Apr. 26, 1982.
WATER TEMPERATURES: Maximum, 34.5°C July 19, 1981; minimum, 1.0°C Dec. 25, 26, 1983.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 7,310 micromhos Sept. 24; minimum, 144 micromhos Aug. 4.
WATER TEMPERATURES: Maximum, 33.0°C June 21; minimum, 1.0°C Dec. 25, 26.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	470	420	509	499	577	537	370	280	366	326	295	285
2	390	350	509	499	568	518	310	290	385	325	385	285
3	491	471	650	500	878	548	410	260	554	344	324	304
4	502	492	771	581	759	669	310	250	534	314	333	313
5	502	422	781	521	739	629	340	240	383	313	323	283
6	463	423	682	512	---	610	460	250	402	312	442	272
7	504	474	522	512	680	550	350	280	371	311	301	271
8	494	484	533	513	610	560	350	280	401	351	311	281
9	505	485	674	534	590	530	330	290	390	340	330	280
10	505	495	744	674	590	500	520	310	431	341	330	290
11	506	496	695	625	540	370	370	270	401	361	300	280
12	507	437	655	575	510	450	---	---	392	332	410	260
13	747	497	746	616	490	390	---	---	403	353	380	290
14	698	488	747	707	470	380	---	---	394	344	310	290
15	548	458	697	597	400	350	---	---	414	354	340	290
16	499	459	686	608	430	340	---	---	415	355	340	300
17	490	470	658	618	420	370	---	---	366	326	340	300
18	490	480	629	569	390	360	509	339	376	336	340	300
19	491	461	600	570	500	380	398	278	377	347	350	280
20	582	482	610	530	410	380	397	317	378	368	400	260
21	592	552	621	491	380	350	336	326	369	289	290	270
22	583	463	571	481	390	350	354	324	389	329	300	270
23	473	453	1060	472	490	370	353	323	350	330	340	270
24	494	464	1010	693	370	350	472	342	379	329	340	250
25	515	485	713	603	380	350	471	381	369	319	270	250
26	525	505	[illegible]	494	430	370	430	360	368	328	320	250
27	516	496	565	495	440	300	409	329	427	307	280	260
28	506	496	725	595	400	250	429	309	357	287	290	260
29	507	497	656	586	300	260	358	308	316	266	360	260
30	508	498	586	566	300	240	437	317	---	---	270	260
31	528	498	---	---	350	290	366	316	---	---	270	260
MONTH	747	350	1060	472	878	240	520	240	554	266	442	250

07381350 COMPANY CANAL AT LOCKPORT, LA

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	350	270	400	380	419	379	348	318	386	366	449	399
2	350	320	400	380	389	359	407	317	365	315	429	349
3	340	290	390	340	398	368	346	316	354	254	448	298
4	300	290	351	331	407	357	346	316	254	144	428	398
5	300	270	383	343	386	356	335	315	233	193	407	397
6	281	261	414	364	396	356	334	314	212	172	426	396
7	381	271	406	386	375	355	334	314	221	201	416	396
8	382	292	407	387	374	354	333	313	231	211	425	405
9	303	293	409	399	384	354	322	312	---	---	435	415
10	384	294	410	390	373	343	401	301	---	---	434	404
11	354	304	411	391	392	332	321	301	242	222	414	354
12	365	345	423	403	371	341	380	290	244	214	353	313
13	346	316	424	404	361	351	329	259	256	216	322	302
14	326	306	426	396	370	350	329	289	278	218	362	312
15	317	297	447	427	399	329	328	288	260	240	461	321
16	308	298	459	439	379	339	357	297	251	241	481	451
17	319	299	450	400	358	348	356	296	273	233	490	410
18	329	299	421	391	357	317	336	286	305	235	454	394
19	330	310	413	393	366	336	315	285	417	237	458	408
20	350	320	404	374	356	336	294	234	399	279	472	412
21	400	340	426	376	355	315	284	244	391	261	756	446
22	860	410	407	367	354	324	293	243	353	253	3120	710
23	890	370	409	379	334	314	302	262	305	265	6500	2680
24	540	420	410	390	363	303	301	261	417	287	7310	4260
25	520	390	461	401	362	312	301	251	419	369	6700	1360
26	430	360	413	403	371	321	330	290	410	330	4240	1970
27	380	360	414	394	351	321	389	289	332	292	2050	1470
28	390	360	406	386	340	320	329	299	304	284	1600	1410
29	370	350	417	397	339	309	348	318	286	276	1510	958
30	390	360	419	409	389	319	367	347	388	278	1280	752
31	---	---	430	400	---	---	376	366	450	360	---	---
MONTH	890	261	461	331	419	303	407	234	450	144	7310	298

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1					---	---	6.0	3.0	11.5	10.0	12.0	8.5
2					---	---	7.5	5.0	11.5	9.5	14.0	11.5
3					---	---	9.0	7.0	13.0	11.5	16.0	13.0
4					---	---	10.5	8.0	13.0	11.5	16.5	14.0
5					---	---	12.5	9.5	13.5	12.0	16.5	16.0
6					---	---	12.5	10.5	12.0	9.0	16.0	13.0
7					18.0	13.5	12.5	11.0	11.5	9.0	13.5	11.5
8					14.0	13.0	13.5	12.0	11.5	9.0	15.5	12.5
9					15.0	13.5	13.0	12.0	12.5	10.0	16.5	14.5
10					16.5	14.5	14.0	12.5	14.5	11.0	17.5	14.5
11					18.0	16.0	12.5	9.0	15.0	13.0	17.5	15.0
12					18.0	15.5	9.5	8.5	16.0	14.5	16.5	15.5
13					15.0	14.5	10.0	9.0	17.0	14.5	19.0	15.5
14					14.5	13.0	11.0	10.0	17.0	15.0	19.5	18.0
15					13.0	12.0	10.5	10.0	16.5	15.0	21.0	19.0
16					13.5	12.0	10.0	9.5	17.5	16.0	23.0	19.5
17					12.5	12.0	10.0	9.5	17.5	16.5	23.0	20.5
18					12.0	11.5	10.0	9.5	18.0	16.5	23.5	22.0
19					12.0	11.0	9.0	6.0	19.5	17.5	23.0	20.5
20					11.0	10.0	6.0	4.0	17.5	15.0	20.5	17.5
21					13.5	10.0	6.0	3.0	15.0	12.0	18.0	16.0
22					14.0	12.5	6.0	3.0	14.0	12.5	19.0	17.0
23					12.5	9.5	7.0	5.5	16.5	13.0	20.5	18.0
24					9.5	4.5	9.0	7.0	17.0	15.5	21.5	19.0
25					4.5	1.0	11.0	8.5	16.5	15.5	22.5	20.0
26					1.5	1.0	10.0	9.0	16.0	15.0	21.5	20.0
27					11.5	1.5	10.5	8.5	16.0	12.5	21.5	20.0
28					15.0	9.5	12.0	10.5	12.5	9.0	21.5	19.0
29					14.0	7.5	13.5	11.5	9.5	7.5	18.5	16.5
30					7.0	3.0	13.5	12.5	---	---	19.0	16.0
31					4.5	2.0	12.0	10.0	---	---	20.0	17.0
MONTH					18.0	1.0	14.0	3.0	19.5	7.5	23.5	8.5

07381350 COMPANY CANAL AT LOCKPORT, LA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.5	18.5	26.5	25.5	26.0	22.0	25.5	25.0	29.0	28.5	29.5	28.0
2	20.0	19.0	26.0	25.0	26.5	23.5	28.0	24.5	28.5	27.0	29.0	27.5
3	21.0	19.5	25.0	23.5	27.5	25.0	30.5	26.5	27.0	25.0	30.0	28.5
4	21.0	19.5	26.0	23.5	28.5	25.5	31.0	28.0	25.0	23.5	29.0	28.0
5	19.5	17.5	26.5	25.5	28.0	25.5	30.5	29.0	27.5	25.0	28.0	27.0
6	20.5	17.0	27.0	25.5	27.5	26.5	31.0	28.5	26.5	25.0	28.5	26.5
7	19.5	18.0	28.5	25.5	28.5	26.5	31.0	29.5	28.0	26.0	28.5	26.5
8	19.5	18.5	27.5	25.5	29.0	27.0	30.5	29.0	30.0	26.5	29.0	27.0
9	22.0	18.5	25.5	23.0	29.0	27.5	30.5	29.0	---	---	29.0	27.5
10	22.5	20.5	26.5	23.0	29.0	27.5	31.5	28.5	---	---	30.0	27.5
11	23.0	21.0	26.5	24.0	28.0	27.0	32.0	30.0	30.5	29.5	30.0	28.5
12	22.5	20.5	26.5	24.5	28.5	26.5	31.5	29.0	30.0	28.5	30.5	28.5
13	24.5	21.5	27.0	25.0	29.0	27.5	30.0	28.5	28.5	28.0	30.5	29.0
14	24.0	22.5	29.0	25.5	30.5	28.0	30.0	28.5	28.0	27.0	31.5	29.0
15	23.5	20.0	28.0	27.0	30.5	28.5	30.0	28.0	29.5	27.0	31.0	28.5
16	20.0	17.5	28.0	27.0	29.0	28.0	29.5	28.5	31.5	28.5	28.5	27.5
17	19.0	16.5	27.0	25.5	30.0	28.0	29.0	27.0	32.0	30.5	28.0	27.5
18	22.0	18.0	27.5	25.0	30.0	28.5	28.5	27.5	32.0	30.0	27.5	26.5
19	22.5	19.5	27.0	25.5	30.5	27.5	28.0	26.5	31.0	29.5	26.5	25.5
20	24.0	20.5	26.5	24.5	32.5	29.5	28.5	26.0	30.5	29.5	26.0	25.0
21	25.0	22.5	26.5	24.0	33.0	30.5	30.0	27.5	32.5	29.0	25.5	25.0
22	24.0	23.5	25.5	24.5	32.5	31.0	31.0	28.5	31.0	29.5	26.0	25.0
23	23.5	22.5	27.0	24.0	32.0	30.5	30.0	28.5	30.0	29.0	26.0	25.5
24	24.0	21.0	28.0	26.0	31.5	28.5	30.0	28.5	30.5	28.0	27.0	25.5
25	25.0	22.0	29.0	27.0	30.0	28.0	29.0	28.0	30.0	28.5	27.0	26.5
26	24.0	22.5	30.0	28.0	31.5	29.0	29.5	27.5	31.0	28.5	27.0	26.5
27	24.5	23.5	30.5	28.0	31.0	30.0	29.5	28.0	29.5	28.5	27.5	26.0
28	26.5	24.0	31.5	29.0	30.0	27.5	30.5	28.5	30.0	28.0	27.0	26.0
29	26.5	24.5	31.0	28.0	27.5	27.0	29.5	28.5	29.0	28.0	26.0	24.5
30	26.5	25.0	27.5	22.5	27.0	25.5	29.0	27.5	29.0	27.5	24.5	22.5
31	---	---	23.5	21.0	---	---	29.5	28.0	29.0	27.5	---	---
MONTH	26.5	16.5	31.5	21.0	33.0	22.0	32.0	24.5	32.5	23.5	31.5	22.5

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA

LOCATION.--Lat 30°26'33", long 91°27'06", in SW1/4 sec.27, T.7 S., R.10 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 76, at Rosedale.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1960, 1969, 1978 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
05...	1200	314	6.4	24.0	5	1.0	6.0	5.3	1300
JAN									
04...	0940	302	6.6	6.5	20	15	10.5	4.6	200
APR									
10...	0800	356	7.7	20.0	20	90	5.6	3.0	250
JUL									
03...	1145	202	7.2	28.5	40	85	2.2	1.9	K420

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
05...	8400	130	33	12	14	4.1	149	7.3	8.2
JAN									
04...	740	130	34	11	9.3	4.3	125	15	8.9
APR									
10...	1000	150	40	12	11	3.7	155	12	8.5
JUL									
03...	2000	70	18	6.0	6.3	3.1	69	13	5.0

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT							
05...	.2	13	187	181	.1	.8	.18
JAN							
04...	.1	9.4	183	167	.5	.9	.17
APR							
10...	.1	7.9	205	188	<.1	1.2	<.01
JUL							
03...	.1	8.7	139	101	2.5	.8	.28

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381440 BAYOU GROSSE TETE AT ROSEDALE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
05...	4	1	<1	1	<1	<1	<1	1	13	190	1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
05...	<10	190	6	<.1	.03	3	2	14	<.01	<1	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
05...	4	<.1	<1	<.01	<.1	<.1	7	.04	6.7	<.01	20

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	.04	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
05...	<.1	<1	<1	<10	<.01	<.1	.01	<.01	<.01	.01

< Actual value is known to be less than the value shown.

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07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°09'40", long 91°20'14", in NE1/4 sec.34, T.10 S., R.11 E., Iberville Parish, Hydrologic Unit 08070300, at bridge on State Highway 75 spur in Bayou Sorrel.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1959-60, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1980 to September 1982.
WATER TEMPERATURES: February 1980 to September 1982.

INSTRUMENTATION.--Water-quality monitor February 1980 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 582 micromhos Feb. 3, 1981; minimum, 142 micromhos Mar. 30, 1980.
WATER TEMPERATURES: Maximum, 34.5°C July 6, 7, 1980; minimum, 5.5°C Jan. 15, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
07...	1100	781	473	7.2	26.5	5	24	6.0	1.5	88	1200
JAN											
09...	1213	1070	341	6.6	8.0	20	50	9.8	4.5	180	3800
APR											
03...	1045	592	366	7.7	17.5	15	37	6.8	1.6	K70	K7600
JUL											
05...	1230	726	306	7.5	28.0	30	33	6.0	3.6	K36	--

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT									
07...	170	43	16	28	3.6	127	66	24	.3
JAN									
09...	130	35	10	17	3.5	102	28	23	.1
APR									
03...	140	36	11	16	2.8	115	30	20	.1
JUL									
05...	100	27	8.5	18	3.1	87	19	27	.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT									
07...	4.9	277	262	.88	.09	.4	.13	.08	.08
JAN									
09...	9.3	209	187	.68	.09	1.0	.22	--	.08
APR									
03...	8.4	196	193	1.2	.27	1.4	.11	.09	.09
JUL									
05...	8.8	193	164	.78	<.01	.8	.24	.11	.09

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381450 LOWER GRAND RIVER AT BAYOU SORREL, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
07...	<10	1	130	<.5	<1	<1	<3	<1	8	1
JAN										
09...	10	2	87	<.5	1	<1	<3	6	52	2
APR										
03...	<10	2	87	<1	<1	<1	<3	2	58	2
JUL										
05...	50	4	92	<1	<1	<1	<3	5	72	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
07...	15	6	<.1	<10	1	1	<1	220	<6	5
JAN										
09...	<4	44	.1	<10	3	<1	<1	160	<6	19
APR										
03...	<4	51	<.1	<10	2	<1	1	160	<6	17
JUL										
05...	6	20	.3	<10	7	--	<1	140	<6	33

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
07...	98	207	86
JAN			
09...	104	300	92
APR			
03...	76	121	97
JUL			
05...	48	9[illegible]	88

< Actual value is known to be less than the value shown.

295500091100000 LAKE VERRET NEAR PIERRE PART, LA

LOCATION.--Lat 29°55'00", long 91°10'00", in T.13 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302, 1.2 mi northwest of landing at State Highway 1016-1, 4.3 mi southeast of Pierre Part.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1975, 1979 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 13...	1330	383	7.6	24.0	5	5.0	10.2	5.7	25
JAN 26...	1340	327	6.7	8.5	50	70	8.6	2.2	40
APR 17...	1020	358	7.6	18.0	20	10	6.2	--	33
JUL 26...	1140	293	8.7	30.5	15	7.0	11.2	6.7	--

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 13...	K260	130	34	12	24	3.5	104	44	25
JAN 26...	180	120	31	10	17	3.6	95	21	27
APR 17...	130	130	35	11	19	3.2	116	26	24
JUL 26...	<1	87	22	7.9	20	2.9	77	16	28

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 13...	.2	5.1	227	210	.2	1.1	.14
JAN 26...	.1	9.1	194	176	.5	1.8	.17
APR 17...	.1	6.3	233	195	.6	2.9	.18
JUL 26...	.1	6.3	172	149	<.1	1.4	.11

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

295500091100000 LAKE VERRET NEAR PIERRE PART, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
13...	2	<1	<1	4	10	<1	<10	10	7	9000	<10

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
13...	20	4	350	.3	.04	6	46	7.2	<.01	<1	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
13...	3	<.1	<1	<.01	<.1	<.1	2	<.01	.8	<.01	.9

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE. TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
13...	<.1	<1	<1	<10	<.01	<.1	.06	<.01	<.01	.04

< Actual value is known to be less than the value shown.

295030091055600 LAKE VERRET NEAR GEORGIA, LA

LOCATION.--Lat 29°50'30", long 91°05'56", in T.14 S., R.13 E., Assumption Parish, Hydrologic Unit 08090302, 0.6 mi from landing at State Highway 401 and 6.7 mi east of Georgia.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1980 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT									
13...	1300	282	7.5	23.0	5	20	10.2	6.3	K1
JAN									
26...	1330	262	6.5	7.0	50	70	11.3	2.3	240
APR									
17...	1000	297	8.3	19.0	20	15	8.9	--	K1
JUL									
26...	1100	257	8.9	30.0	20	6.0	10.4	4.9	--

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
13...	500	98	26	8.1	16	3.4	82	25	21
JAN									
26...	780	87	23	7.2	15	3.9	72	20	22
APR									
17...	81	110	28	8.7	16	3.6	95	19	25
JUL									
26...	K2	94	25	7.6	13	2.7	80	21	18

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT							
13...	.2	6.6	167	156	<.1	1.4	.35
JAN							
26...	.1	6.9	159	141	.5	2.0	.10
APR							
17...	.1	2.1	178	160	<.1	1.5	.15
JUL							
26...	.2	7.0	154	142	<.1	1.3	.11

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

295030091055600 LAKE VERRET NEAR GEORGIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
13...	2	<1	<1	2	8	<1	<10	10	8	5500	<10

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
13...	50	3	230	.2	<.01	10	38	9.0	<.01	6	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
13...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	<.1	<.01	.2

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
13...	<.1	<1	<1	<10	<.01	<.1	.08	<.01	<.01	.05

< Actual value is known to be less than the value shown.

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA

LOCATION.--Lat 29°43'01", long 91°10'57", in T.15 S., R.12 E., St. Mary Parish, Hydrologic Unit 08090302, 3.0 mi from State Highway 2 and 1.0 mi east of Morgan City.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975, 1979 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
13...	1030	233	8.0	22.0	5	5.0	7.7	5.8	<2
JAN									
26...	1100	301	6.8	8.0	40	40	10.8	1.9	K16
APR									
17...	1115	324	8.5	18.0	20	20	9.7	--	K1
JUL									
26...	1015	271	8.8	29.0	15	8.0	9.8	4.3	--

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
13...	100	89	22	8.2	16	3.0	72	25	20
JAN									
26...	48	110	28	9.1	16	3.8	84	23	24
APR									
17...	K40	120	32	9.4	17	3.0	92	28	24
JUL									
26...	K4	97	25	7.9	15	2.8	84	20	17

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
13...	.2	6.8	166	144	<.1	3.7	.21
JAN							
26...	<.1	8.0	190	162	.7	1.6	.16
APR							
17...	.1	2.4	211	171	.4	2.6	.10
JUL							
26...	.1	6.5	164	154	<.1	1.4	.14

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

BEST COPY AVAILABLE

294301091105700 LAKE PALOURDE AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
13...	2	<1	<1	2	7	<1	<10	10	10	7400	<10

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
13...	10	21	190	<.1	.04	5	36	8.1	<.01	11	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
13...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	.2	<.01	.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
13...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
13...	<.1	<1	<1	<10	<.01	<.1	.08	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA

LOCATION.--Lat 31°03'55", long 91°41'15", Concordia Parish, Hydrologic Unit 08040301, at Corps of Engineers discharge range, 1.8 mi above mouth, 5.5 mi west of Old River Control Structure, and 5.6 miles west of Knox Landing.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1973-83

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE.--June 1973 to September 1983.

REMARKS.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 02600.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 646,000 tons Apr. 6, 1978; minimum daily, 1,000 tons Oct. 3, 1976.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
07...	86000	234	54300	97
21...	88000	169	40200	97
NOV				
04...	77000	212	44100	97
19...	91000	235	57700	98
DEC				
02...	152000	394	162000	93
16...	283000	474	362000	85
JAN				
12...	353000	267	254000	82
26...	106000	227	64900	96
FEB				
09...	101000	249	68000	92
MAR				
09...	124000	289	96800	95
23...	162000	305	133000	88
APR				
06...	205000	589	326000	96
20...	339000	236	216000	93
JUN				
24...	224000	129	78300	97
JUL				
14...	146000	242	95300	97
28...	108000	166	48500	97
AUG				
11...	93000	144	36200	96
25...	79000	112	23900	81
SEP				
14...	27000	72	5270	100

310355091411500 OLD RIVER OUTFLOW CHANNEL (KNOX LANDING) SOUTH OF BLACK HAWK, LA--Continued

SUSPENDED-SEDIMENT DISCHARGE, (TONS/DAY), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55000	45000	254000	222000	63000	77000	204000	261000	303000	68000	50000	15000
2	56000	44000	161000	232000	84000	77000	230000	257000	298000	72000	53000	14000
3	55000	43000	107000	232000	76000	78000	242000	253000	286000	74000	58000	13000
4	53000	44000	120000	231000	64000	82000	253000	248000	243000	71000	53000	12000
5	55000	44000	218000	231000	71000	85000	286000	248000	253000	71000	52000	11000
6	54000	44000	212000	234000	73000	100000	326000	244000	251000	64000	47000	10000
7	54000	43000	174000	243000	73000	99000	333000	237000	246000	52000	44000	9000
8	53000	43000	168000	257000	69000	104000	377000	231000	226000	59000	44000	9000
9	57000	44000	214000	267000	68000	97000	356000	229000	227000	68000	36000	8000
10	57000	47000	242000	257000	73000	96000	326000	228000	219000	81000	34000	7000
11	55000	49000	289000	261000	90000	96000	301000	226000	210000	84000	36000	3000
12	52000	53000	295000	254000	103000	93000	282000	236000	197000	84000	41000	7000
13	50000	58000	295000	260000	106000	94000	277000	236000	182000	88000	40000	6000
14	38000	61000	348000	259000	108000	96000	259000	236000	173000	95000	39000	5000
15	33000	64000	352000	249000	131000	119000	249000	241000	169000	97000	38000	5000
16	39000	64000	362000	228000	132000	137000	257000	240000	169000	92000	38000	6000
17	38000	64000	372000	208000	142000	143000	236000	238000	155000	90000	35000	6000
18	37000	61000	385000	196000	134000	151000	225000	253000	144000	88000	33000	6000
19	38000	58000	378000	184000	125000	154000	215000	264000	130000	78000	31000	6000
20	41000	62000	374000	170000	124000	154000	216000	275000	114000	66000	30000	2000
21	40000	62000	385000	153000	124000	151000	225000	284000	104000	59000	29000	2000
22	44000	66000	399000	134000	123000	137000	229000	301000	92000	60000	28000	8000
23	47000	71000	387000	116000	118000	133000	235000	319000	84000	55000	26000	8000
24	47000	84000	373000	97000	100000	142000	245000	309000	78000	53000	25000	9000
25	48000	83000	333000	71000	95000	130000	251000	306000	73000	51000	24000	10000
26	48000	89000	345000	65000	87000	118000	263000	302000	69000	50000	22000	3000
27	48000	104000	333000	55000	85000	122000	263000	310000	67000	48000	20000	3000
28	46000	122000	306000	49000	85000	129000	259000	294000	64000	48000	18000	3000
29	45000	137000	255000	43000	---	142000	262000	324000	62000	50000	17000	4000
30	44000	176000	225000	53000	---	161000	263000	317000	66000	50000	16000	4000
31	44000	---	222000	57000	---	179000	---	302000	---	49000	16000	---
TOTAL	1471000	2029000	8883000	5568000	2726000	3676000	7945000	8249000	4954000	2115000	1073000	214000
MEAN	47500	67600	287000	180000	97400	119000	265000	266000	165000	68200	34600	7130
MAX	57000	176000	399000	267000	142000	179000	377000	324000	303000	97000	58000	15000
MIN	33000	43000	107000	43000	63000	77000	204000	226000	62000	48000	16000	2000

WTR YR 1983 TOTAL 48903000 MEAN 134000 MAX 399000 MIN 2000 DAYS 365

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA

LOCATION.--Lat 30°58'57", long 91°47'54", in NE1/4SW1/4 sec. 7, T. 1 S., R. 7 E., Louisiana meridian, Avoyelles Parish, Hydrologic Unit 08080101, near right bank on downstream side of Kansas City Southern Railway Co. bridge, 0.4 mi east of town of Simmesport, 0.5 mi upstream from State Highway 1, and 4.9 mi downstream from confluence of Red River and Old River (head of Atchafalaya River).

DRAINAGE AREA.--Approximately 87,570 mi^2 (see REMARKS).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to September 1983 (see NOTE). Gage heights, May 1, 1887 to May 15, 1892, Dec. 1, 1903 to current year, and discharge (intermittently since 1851) are contained in reports of Corps of Engineers, New Orleans district.

REVISED RECORDS.--WDR LA 77-2: 1975.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to January 1975, at datum 5.75 ft higher.

REMARKS.--Flow consists of that from the Red River and controlled diversion from the Mississippi River by way of Old River Control Structure. Drainage area does not include noncontributing area or Mississippi River area.

COOPERATION.--Elevations and computations of daily discharge furnished by Corps of Engineers.

AVERAGE DISCHARGE.--11 years (water years 1972-83), 246,900 ft^3/s, 178,900,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 781,000 ft^3/s (observed) May 12, 1973; maximum gage height, 49.05 ft May 15, 1973; minimum daily, 22,000 ft^3/s Oct. 4, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1903, 53.4 ft May 16, 1927, minimum discharge, 10,500 ft^3/s June 24, 1964; minimum gage height, -4.68 ft July 16, 1964.

EXTREMES FOR CURRENT YEAR.--Water year 1983: Maximum daily discharge, 680,000 ft^3/s May 31; minimum daily, 48,000 ft^3/s Oct. 27, 28, 30.

NOTE.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122000	103000	231000	478000	272000	305000	281000	518000	679000	296000	156000	74000
2	119000	101000	251000	483000	296000	302000	286000	516000	677000	293000	158000	73000
3	115000	100000	231000	487000	297000	297000	285000	517000	672000	281000	163000	89000
4	111000	96000	242000	491000	287000	294000	285000	511000	664000	267000	159000	91000
5	108000	91000	299000	492000	289000	294000	288000	512000	662000	258000	157000	81000
6	103000	93000	314000	495000	290000	300000	314000	506000	661000	251000	150000	77000
7	99000	94000	308000	502000	297000	300000	331000	500000	662000	234000	147000	82000
8	101000	96000	313000	505000	302000	302000	363000	497000	650000	230000	145000	80000
9	106000	96000	336000	513000	304000	298000	370000	496000	646000	229000	136000	77000
10	113000	97000	349000	513000	307000	298000	371000	498000	642000	233000	125000	77000
11	119000	99000	371000	513000	321000	303000	372000	500000	633000	232000	126000	67000
12	120000	108000	375000	513000	331000	300000	373000	503000	622000	229000	127000	69000
13	122000	116000	380000	511000	334000	297000	388000	505000	608000	228000	125000	84000
14	119000	119000	413000	509000	336000	297000	400000	509000	591000	228000	122000	73000
15	109000	121000	418000	504000	350000	308000	410000	513000	579000	228000	120000	68000
16	110000	122000	424000	492000	349000	317000	428000	525000	574000	223000	122000	64000
17	113000	121000	433000	479000	351000	316000	432000	534000	558000	219000	121000	63000
18	110000	121000	445000	464000	347000	318000	435000	540000	542000	217000	115000	60000
19	110000	117000	448000	449000	336000	319000	449000	549000	525000	209000	113000	62000
20	119000	118000	450000	436000	330000	316000	460000	564000	496000	200000	110000	55000
21	115000	122000	459000	421000	324000	312000	468000	582000	473000	190000	107000	52000
22	115000	122000	468000	403000	323000	296000	477000	600000	449000	189000	103000	55000
23	118000	122000	467000	381000	321000	284000	481000	622000	408000	182000	103000	59000
24	114000	134000	466000	362000	313000	284000	487000	633000	391000	178000	103000	59000
25	112000	134000	466000	333000	304000	282000	491000	639000	374000	173000	104000	59000
26	112000	135000	465000	318000	305000	270000	506000	646000	353000	170000	101000	52000
27	110000	147000	479000	296000	310000	268000	512000	661000	338000	164000	97000	48000
28	107000	157000	484000	283000	312000	266000	512000	665000	324000	163000	98000	48000
29	104000	188000	477000	274000	---	268000	513000	677000	308000	163000	98000	50000
30	104000	208000	470000	273000	---	272000	516000	679000	303000	162000	91000	48000
31	104000	---	472000	271000	---	276000	---	680000	---	159000	79000	---
TOTAL	3463000	3598000	12204000	13444000	8838000	9159000	12284000	17397000	16064000	6678000	3781000	1996000
MEAN	111700	119900	393700	433700	315600	295500	409500	561200	535500	215400	122000	66530
MAX	122000	208000	484000	513000	351000	319000	516000	680000	679000	296000	163000	91000
MIN	99000	91000	231000	271000	272000	266000	281000	496000	303000	159000	79000	48000
AC-FT	6869000	7137000	24210000	26670000	17530000	18170000	24370000	34510000	31860000	13250000	7500000	3959000

CAL YR 1982 TOTAL 85635000 MEAN 234600 MAX 484000 MIN 91000 AC-FT 169900000
WTR YR 1983 TOTAL 108906000 MEAN 298400 MAX 680000 MIN 48000 AC-FT 216000000

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.49	6.67	20.58	36.21	22.52	24.85	22.86	36.50	43.49	24.61	11.37	5.50
2	8.24	6.54	20.80	36.52	24.35	24.60	23.18	36.48	43.28	24.22	11.64	5.82
3	7.78	6.46	19.19	36.80	24.31	24.22	23.15	36.52	43.16	23.54	12.09	6.25
4	7.40	6.00	20.23	37.00	23.60	24.01	23.13	36.23	42.55	22.40	11.74	6.34
5	7.14	5.63	24.61	37.19	23.78	24.00	23.40	36.25	42.52	21.75	11.51	6.02
6	6.71	5.90	25.81	37.40	23.89	24.80	25.21	36.00	42.59	21.00	10.89	5.76
7	6.38	5.97	25.32	37.87	24.40	24.74	26.40	35.75	42.58	19.20	10.61	5.87
8	6.58	6.12	25.63	38.20	24.70	24.95	28.25	35.53	42.16	18.86	10.38	5.60
9	7.11	6.09	27.32	38.65	24.88	24.63	28.68	35.49	42.08	18.84	9.55	5.49
10	7.69	6.22	28.24	38.61	25.07	24.40	28.66	35.60	41.95	19.23	8.65	5.65
11	8.13	6.45	29.90	38.63	26.00	24.41	28.70	35.74	41.63	19.12	8.78	3.89
12	8.33	7.28	30.13	38.73	26.67	24.28	28.78	35.85	41.12	18.82	8.84	5.78
13	8.46	7.90	30.44	38.59	26.82	24.05	29.55	36.00	40.50	18.70	8.70	5.76
14	8.11	8.21	31.73	38.40	26.94	23.99	30.25	36.18	39.79	18.75	8.51	5.10
15	7.28	8.37	32.06	38.07	27.70	24.74	30.83	36.34	39.31	18.75	8.27	4.63
16	7.33	8.42	32.49	37.23	27.62	25.38	31.82	37.00	39.04	18.30	8.50	4.36
17	7.60	8.32	33.15	36.19	27.81	25.32	32.01	37.38	38.30	17.90	8.37	4.51
18	7.38	8.28	33.90	35.31	27.50	25.50	32.12	37.62	37.70	17.52	7.91	4.16
19	7.41	8.35	34.14	34.36	26.88	25.60	32.89	38.01	36.88	16.83	7.82	4.14
20	8.10	9.26	34.30	33.50	26.53	25.38	33.50	38.62	35.48	16.01	7.49	3.02
21	7.75	9.21	34.91	32.64	26.21	25.08	33.90	39.32	34.27	14.92	7.22	2.85
22	7.80	9.20	35.38	31.33	26.11	23.93	34.40	40.05	33.09	14.79	7.00	3.74
23	8.04	10.22	35.49	29.99	25.90	23.08	34.78	41.00	31.82	14.05	6.98	4.04
24	7.69	11.25	35.41	28.60	25.38	23.14	34.98	41.35	30.89	13.61	7.00	4.23
25	7.53	10.97	35.40	26.70	24.87	22.92	35.15	41.70	29.61	13.09	7.09	4.19
26	7.47	11.44	35.39	25.78	24.97	22.10	36.00	42.10	28.41	12.69	6.80	2.76
27	7.37	12.34	36.22	24.22	25.27	21.87	36.25	42.55	27.52	12.13	6.63	2.96
28	7.02	14.59	36.45	23.40	25.32	21.69	36.23	42.69	26.58	12.01	6.69	2.79
29	6.83	16.47	36.01	22.68	---	21.87	36.31	43.16	25.50	12.10	6.74	2.84
30	6.70	19.02	35.60	22.65	---	22.20	36.42	43.41	25.10	11.96	6.21	2.72
31	6.78	---	35.82	22.45	---	22.42	---	43.42	---	11.70	5.89	---
MAX	8.49	19.02	36.45	38.73	27.81	25.60	36.42	43.42	43.49	24.61	12.09	6.34
MIN	6.38	5.63	19.19	22.45	22.52	21.69	22.86	35.49	25.10	11.70	5.89	2.72

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07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1952-53, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1975, October 1978 to September 1979.
WATER TEMPERATURES: December 1975 to September 1976, October 1977 to September 1984 (discontinued).
CHLORIDE: October 1974 to September 1984 (discontinued).
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to September 1983.

REMARKS.--Records for the 1984 water year are not available in time for inclusion in this report. They will be published in a subsequent report.

COOPERATION.--Samples for chloride and suspended-sediment analysis are collected by the Corps of Engineers and analyzed by the Geological Survey. Daily suspended-sediment discharge records are computed by the Geological Survey and reviewed by the Corps of Engineers. Corps of Engineers station 03045.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 627 micromhos Nov. 17, 1978; minimum daily, 179 micromhos Feb. 21, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 1981; minimum daily, 2.0°C Jan. 18-20, Feb. 3, 6, 7, 1978, Jan. 15, 1979, Jan. 14, 1982.
CHLORIDE: Maximum daily, 150 mg/L June 9, 13, 14, 1977; minimum daily, 10 mg/L Apr. 16, 17, 1975, Jan. 6, 1983.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 1,240,000 tons Dec. 15, 1982; minimum daily, 2,000 tons Oct. 3-5, 1976.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	18.5	---	---	---	8.0	---	17.0	21.5	---	27.0	---
2	---	18.5	---	---	---	8.0	12.0	17.0	21.5	27.0	26.0	---
3	24.5	18.5	---	3.0	---	---	12.0	18.0	---	26.5	26.0	---
4	24.5	18.5	---	3.5	---	---	12.0	18.0	22.0	---	---	27.0
5	24.5	---	---	3.5	---	8.0	12.0	11.0	22.0	28.0	---	27.0
6	24.0	---	---	3.5	---	8.0	12.0	---	22.0	27.5	27.0	26.0
7	---	18.0	---	---	---	8.0	---	19.0	22.0	---	27.0	26.0
8	---	18.0	---	---	---	9.0	---	20.0	22.0	---	26.0	---
9	---	17.5	---	3.5	---	9.0	13.0	19.0	22.0	27.0	26.5	---
10	---	16.0	---	3.5	---	9.0	13.0	18.0	---	27.0	26.0	26.0
11	---	---	---	3.5	---	---	13.0	19.0	23.0	27.0	---	26.0
12	---	---	---	3.5	---	10.0	13.0	20.0	23.0	27.0	---	26.0
13	---	---	---	3.0	10.0	10.0	14.0	---	23.5	27.0	26.0	26.5
14	---	15.5	---	---	11.0	10.0	14.0	20.0	24.0	---	26.0	30.0
15	---	15.5	---	---	11.0	10.0	---	20.0	---	---	26.0	---
16	---	15.0	---	4.0	12.0	11.0	14.0	21.0	---	28.0	26.0	---
17	---	15.0	---	4.0	12.0	---	14.0	21.0	---	28.5	26.5	29.0
18	---	15.0	---	3.5	---	---	14.0	22.0	26.0	27.5	---	19.5
19	---	---	---	3.0	---	12.0	15.0	21.0	26.0	27.5	---	28.0
20	---	---	---	3.0	---	12.0	15.0	---	26.0	27.0	27.0	27.0
21	---	15.0	---	---	11.0	12.0	16.0	20.0	26.0	---	27.0	27.0
22	---	15.0	---	---	11.0	12.0	---	20.0	26.5	---	28.5	---
23	---	15.0	---	---	12.0	12.0	16.0	---	---	27.5	29.0	---
24	---	---	---	---	12.0	---	16.0	20.5	---	27.5	29.0	27.0
25	---	---	---	---	---	---	16.0	21.0	26.0	27.0	---	28.0
26	---	---	---	---	---	12.0	16.0	21.0	27.0	27.5	---	27.5
27	---	---	---	---	10.0	12.0	16.0	---	26.5	27.5	28.5	27.0
28	---	---	4.5	---	9.0	12.0	16.0	---	26.5	---	28.0	26.0
29	---	---	4.0	---	8.0	12.0	---	21.0	27.0	---	28.0	---
30	---	---	---	---	---	12.0	17.0	21.0	---	27.5	28.0	---
31	---	---	---	---	---	12.0	---	21.0	---	28.0	28.5	---

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	38	---	---	---	21	---	20	13	---	20	---
2	---	37	---	---	---	22	22	18	14	20	25	---
3	34	37	---	20	---	---	23	19	---	28	25	---
4	26	52	---	19	---	---	22	17	17	---	---	26
5	26	---	---	20	---	21	23	18	17	19	---	27
6	26	---	---	21	---	20	25	---	16	18	26	23
7	---	89	---	---	---	21	---	23	17	---	26	29
8	---	67	---	---	---	18	---	16	17	---	25	---
9	---	67	---	14	---	18	22	17	21	19	25	---
10	---	90	---	14	---	17	25	18	---	20	24	23
11	---	---	---	13	---	---	26	16	20	19	---	23
12	---	---	---	16	---	19	28	16	19	19	---	27
13	---	---	---	18	26	17	28	---	18	20	24	30
14	---	59	---	---	25	19	22	14	18	---	22	34
15	---	57	---	---	22	20	---	14	---	---	23	---
16	---	60	---	19	19	19	18	14	---	19	32	---
17	---	59	---	18	19	---	21	13	---	19	33	32
18	---	60	---	19	---	---	20	12	19	18	---	28
19	---	---	---	13	---	21	21	12	20	18	---	24
20	---	---	---	20	---	21	18	---	21	18	30	28
21	---	64	---	---	19	25	22	12	20	---	30	28
22	---	67	---	---	20	18	---	11	21	---	27	---
23	---	66	---	---	20	17	20	---	---	20	23	---
24	---	---	---	---	18	---	20	13	---	16	23	32
25	---	---	---	---	---	---	19	13	16	18	---	28
26	---	---	---	---	---	20	22	13	17	18	---	24
27	---	---	---	---	21	23	23	---	17	19	25	45
28	---	---	18	---	21	22	21	---	18	---	26	37
29	---	---	16	---	20	25	---	11	19	---	21	---
30	---	---	---	---	---	25	20	11	---	22	21	---
31	---	---	---	---	---	21	---	11	---	20	25	---

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT					
06...	1300	95000	248	63600	88
20...	1245	124000	150	50200	93
NOV					
03...	1245	96000	208	53900	99
17...	1215	129000	157	54700	96
DEC					
01...	1200	257000	479	332000	85
15...	1215	437000	1050	1240000	59
28...	1215	517000	462	645000	76
JAN					
11...	1245	568000	228	350000	85
25...	1215	331000	580	518000	68
FEB					
08...	1200	311000	627	526000	76
22...	1215	338000	537	490000	53
MAR					
09...	1215	322000	549	477000	67
22...	1245	301000	377	306000	71
APR					
05...	1245	292000	266	210000	85
19...	1215	457000	302	373000	87
MAY					
03...	1200	504000	250	340000	53
19...	1230	532000	146	210000	93
31...	1215	634000	234	401000	82
JUN					
14...	1115	585000	188	297000	53
30...	1115	280000	231	175000	81
JUL					
12...	1115	222000	376	225000	98
26...	1115	158000	250	107000	100
AUG					
09...	1215	123000	135	44800	99
23...	1145	96000	91	23600	100
SEP					
07...	1115	66000	207	36900	63
20...	1145	45000	112	13600	93

07381490 ATCHAFALAYA RIVER AT SIMMESPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70000	54000	332000	519000	419000	470000	223000	355000	396000	178000	75000	23000
2	70000	53000	387000	501000	478000	466000	223000	346000	392000	185000	73000	24000
3	68000	54000	355000	482000	486000	458000	217000	340000	385000	184000	73000	34000
4	67000	50000	392000	464000	467000	454000	211000	322000	376000	181000	68000	37000
5	66000	45000	549000	443000	477000	457000	209000	312000	372000	182000	64000	33000
6	64000	46000	609000	425000	485000	473000	236000	296000	368000	185000	58000	32000
7	58000	46000	612000	413000	508000	476000	254000	281000	367000	177000	54000	37000
8	58000	46000	648000	396000	526000	483000	288000	269000	355000	182000	51000	34000
9	60000	45000	741000	386000	524000	477000	295000	259000	349000	191000	45000	32000
10	64000	45000	809000	367000	526000	461000	295000	251000	343000	207000	39000	31000
11	67000	46000	913000	349000	554000	457000	294000	244000	334000	217000	39000	24000
12	65000	51000	959000	375000	572000	435000	294000	237000	324000	225000	39000	24000
13	65000	55000	1010000	401000	572000	415000	310000	230000	311000	219000	37000	31000
14	61000	56000	1180000	429000	570000	402000	322000	225000	297000	214000	35000	25000
15	52000	57000	1240000	455000	598000	409000	333000	219000	296000	209000	34000	22000
16	51000	56000	1180000	472000	588000	412000	352000	219000	300000	198000	34000	19000
17	51000	55000	1140000	489000	586000	397000	355000	216000	296000	188000	33000	18000
18	48000	58000	1110000	502000	569000	388000	357000	212000	292000	182000	30000	16000
19	46000	59000	1050000	515000	537000	377000	372000	209000	286000	168000	29000	17000
20	50000	64000	987000	531000	517000	359000	377000	224000	271000	154000	27000	14000
21	49000	71000	950000	543000	498000	341000	379000	241000	260000	140000	26000	12000
22	50000	76000	914000	548000	489000	306000	381000	259000	248000	136000	24000	13000
23	53000	80000	853000	543000	488000	281000	378000	281000	222000	126000	24000	14000
24	52000	98000	796000	543000	473000	275000	377000	296000	214000	119000	25000	14000
25	52000	104000	744000	518000	457000	265000	373000	309000	206000	112000	26000	14000
26	53000	112000	694000	490000	462000	243000	382000	323000	195000	107000	27000	11000
27	53000	135000	678000	447000	475000	235000	380000	343000	188000	97000	27000	10000
28	52000	158000	644000	424000	483000	227000	372000	356000	182000	93000	28000	10000
29	51000	218000	600000	409000	---	224000	365000	376000	174000	89000	30000	10000
30	52000	268000	559000	411000	---	223000	361000	388000	174000	85000	28000	9000
31	53000	---	535000	412000	---	222000	---	400000	---	80000	24000	---
TOTAL	1771000	2361000	24170000	14202000	14384000	11568000	9565000	8838000	8773000	5010000	1226000	644000
MEAN	57100	78700	780000	458000	514000	373000	319000	285000	292000	162000	39500	21500
MAX	70000	268000	1240000	548000	598000	483000	382000	400000	396000	225000	75000	37000
MIN	46000	45000	332000	349000	419000	222000	209000	209000	174000	80000	24000	9000

WTR YR 1983 TOTAL 102512000 MEAN 281000 MAX 1240000 MIN 9000

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°41'26", long 91°44'10", in SW1/4NW1/4 sec.26, T.4 S., R.7 E., St. Helena Meridian, St. Landry-Pointe Coupee Parish line, Hydrologic Unit 08080101, at bridge on Texas and Pacific Railroad in Melville.

DRAINAGE AREA.--93,316 mi^2.

PERIOD OF RECORD.--Water years 1978 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1979 to September 1981.
WATER TEMPERATURES: May 1979 to September 1981.

COOPERATION.--Discharge measured at Atchafalaya River at Simmesport, La. (station 07381490) and furnished by the Corps of Engineers. Corps of Engineers station 03060.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 632 micromhos Oct. 8, 1981; minimum daily, 207 micromhos May 21, 1980.
WATER TEMPERATURES: Maximum daily, 32.0°C July 23, 24, 1981; minimum daily, 5.5°C Feb. 7, 1980, Jan. 22, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)
OCT							
20...	1100	64400	529	7.4	21.5	5	5.9
NOV							
10...	0940	126000	699	7.5	17.0	5	100
DEC							
15...	1045	375000	275	6.6	12.0	30	110
JAN							
10...	1015	249000	275	6.7	3.5	20	--
FEB							
09...	1100	190000	356	7.1	11.0	20	38
MAR							
29...	1300	349000	297	7.5	12.5	40	160
APR							
20...	1045	458000	324	7.8	15.0	20	65
MAY							
22...	1045	507000	283	7.6	20.0	20	60
JUN							
05...	1100	479000	312	7.6	23.0	20	60
JUL							
10...	1045	228000	419	8.1	28.0	10	100
AUG							
10...	1030	142000	457	8.0	27.5	5	25
SEP							
25...	1015	78100	567	8.0	26.0	5	15

DATE	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT							
20...	<1.0	7.5	19	1.2	580	78	4300
NOV							
10...	<1.0	9.5	10	1.1	620	72	540
DEC							
15...	<1.0	10.3	10	2.1	2000	260	710
JAN							
10...	<1.0	13.0	<10	2.8	1400	K50	220
FEB							
09...	<1.0	12.2	<10	2.5	500	K80	86
MAR							
29...	<1.0	9.8	<10	2.5	1800	92	170
APR							
20...	<1.0	8.9	17	1.3	150	K38	K420
MAY							
22...	<1.0	8.0	<10	.4	1300	74	160
JUN							
05...	<1.0	7.3	17	.9	1300	K75	K72
JUL							
10...	<1.0	7.6	11	.5	440	K120	120
AUG							
10...	<1.0	7.0	<10	.7	K100	K28	K38
SEP							
25...	<1.0	7.7	17	.8	230	44	110

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	HARD- NESS (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY FIELD (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)
OCT											
20...	190	47	17	35	3.4	150	66	39	.3	6.9	340
NOV											
10...	190	50	16	61	3.8	109	96	87	--	--	--
DEC											
15...	110	30	8.9	14	2.6	74	40	18	.2	11	168
JAN											
10...	99	27	7.6	14	2.2	68	31	19	--	--	--
FEB											
09...	120	33	10	20	2.4	87	47	24	.1	7.1	213
MAR											
29...	99	27	7.6	17	2.4	66	38	25	--	--	--
APR											
20...	120	32	9.0	14	2.4	82	38	20	.1	6.6	216
MAY											
22...	110	31	8.4	9.2	2.4	80	37	12	--	--	--
JUN											
05...	120	34	9.2	12	2.7	89	42	17	.1	5.8	195
JUL											
10...	160	43	13	16	3.5	119	53	22	--	--	--
AUG											
10...	170	45	14	23	3.6	125	56	25	.2	7.9	307
SEP											
25...	180	47	16	41	3.2	129	83	39	--	--	--

DATE	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDED (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)
OCT											
20...	305	4	.02	.8	.92	.09	.6	.4	.11	.08	.04
NOV											
10...	--	77	.03	1.2	--	--	--	1.1	.10	--	--
DEC											
15...	172	119	.03	1.2	1.2	.05	--	.7	.09	.06	.05
JAN											
10...	--	69	.01	1.1	--	--	--	.6	.13	--	--
FEB											
09...	196	74	.02	1.2	1.2	.11	.9	.6	.17	.06	.02
MAR											
29...	--	130	.05	1.2	--	--	--	.8	.10	--	--
APR											
20...	171	15	.04	1.7	1.5	.26	.6	.6	.09	.04	.04
MAY											
22...	--	87	.03	1.5	--	--	--	.5	.20	--	--
JUN											
05...	176	106	.04	1.4	1.2	<.01	3.4	1.3	.30	.06	.04
JUL											
10...	--	207	.06	2.6	--	--	--	1.9	.23	--	--
AUG											
10...	250	102	.02	1.8	1.7	.09	--	1.2	.23	--	.24
SEP											
25...	--	39	<.01	.6	--	--	--	.5	.09	--	--

< Actual value is known to be less than the value shown.

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DIS-SOLVED (UG/L AS AL)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYLLIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYLLIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHROMIUM, DIS-SOLVED (UG/L AS CR)	CHROMIUM, HEXA-VALENT, DIS. (UG/L AS CR)
OCT 20...	<10	2	2	100	<10	<.5	1	<1	10	<1	1
NOV 10...	--	2	1	--	20	<.5	<1	<1	10	--	<1
DEC 15...	--	2	1	--	<10	<.5	<1	<1	10	--	<1
JAN 10...	--	2	1	--	<10	<.5	1	<1	10	--	<1
FEB 09...	20	2	1	68	--	<.5	--	<1	10	<1	<1
MAR 29...	--	2	2	--	<10	<.5	1	<1	20	--	<1
APR 20...	--	2	--	--	<10	<1	1	<1	10	--	<1
MAY 22...	--	2	1	--	<10	<1	1	<1	10	--	<1
JUN 05...	<10	2	1	69	<10	<1	1	<1	10	<1	<1
JUL 10...	--	4	2	--	<10	1	1	<1	<10	--	<1
AUG 10...	--	3	2	96	<10	<1	1	<1	10	1	<1
SEP 25...	--	3	3	--	<10	<1	2	<1	<10	--	<1

DATE	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGANESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYBDENUM, DIS-SOLVED (UG/L AS MO)
OCT 20...	<3	3	3	6	6	2	20	2	<.1	<.1	<10
NOV 10...	--	8	7	6	10	5	--	--	<.1	<.1	--
DEC 15...	--	10	2	2800	10	1	--	--	<.1	<.1	--
JAN 10...	--	5	3	58	3	<1	--	--	<.1	<.1	--
FEB 09...	<3	--	3	49	--	3	6	11	.1	<.1	<10
MAR 29...	--	18	9	95	14	<1	--	--	.1	<.1	--
APR 20...	--	11	7	15	6	1	--	--	<.1	--	--
MAY 22...	--	11	3	24	10	1	--	--	<.1	.1	--
JUN 05...	<3	14	6	23	7	2	16	4	<.1	<.1	<10
JUL 10...	--	11	5	22	9	1	--	--	.3	.1	--
AUG 10...	<3	--	9	18	11	7	12	10	<.1	--	<10
SEP 25...	--	4	3	<3	9	2	--	--	.3	.2	--

< Actual value is known to be less than the value shown.

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MISSISSIPPI RIVER DELTA

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)
OCT 20...	3	2	<1	<1	<1	270	<6	130	35	3.6	<.01
NOV 10...	6	2	<1	<1	--	--	3	--	25	5.3	<.01
DEC 15...	6	3	<1	<1	--	--	9	30	17	5.3	<.01
JAN 10...	7	3	<1	<1	--	--	1	20	5	6.2	<.01
FEB 09...	--	5	<1	<1	<1	170	<6	--	7	3.5	<.01
MAR 29...	12	3	<1	<1	--	--	1	60	12	7.2	<.01
APR 20...	5	1	<1	<1	--	--	<1	30	<3	5.1	<.01
MAY 22...	10	1	<1	<1	--	--	<1	40	5	4.3	<.01
JUN 05...	10	3	<1	<1	2	150	<6	60	22	--	<.01
JUL 10...	--	9	<1	--	--	--	2	30	9	4.8	<.01
AUG 10...	7	3	1	--	--	220	<6	40	35	4.1	<.01
SEP 25...	3	2	<1	<1	--	--	1	20	<3	3.5	<.01

DATE	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)
OCT 20...	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	<.001
NOV 10...	5	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01	<.001
DEC 15...	7	2	<.1	<.1	<.001	<.1	<.001	<.001	.004	<.01	.004
JAN 10...	3	1	<.1	<.1	<.001	<.1	<.001	<.001	.310	<.01	.005
FEB 09...	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	.002	<.01	.003
MAR 29...	1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001
APR 20...	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001
MAY 22...	<1	3	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001
JUN 05...	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001
JUL 10...	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	.010
AUG 10...	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001
SEP 25...	7	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01	<.001

< Actual value is known to be less than the value shown.

07381495 ATCHAFALAYA RIVER AT MELVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)
OCT											
20...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
NOV											
10...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
DEC											
15...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JAN											
10...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
FEB											
09...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAR											
29...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
APR											
20...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
MAY											
22...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUN											
05...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
JUL											
10...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
AUG											
10...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01
SEP											
25...	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01

DATE	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT										
20...	<.01	<.1	<1	<.01	<.01	<.01	.01	<.01	18	2.6
NOV										
10...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	5.7	2.4
DEC										
15...	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	2.3	1.2
JAN										
10...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.4	<.1
FEB										
09...	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	4.0	<.1
MAR										
29...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.9	.6
APR										
20...	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	1.0	.5
MAY										
22...	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	<.1	<.1
JUN										
05...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.0	<.1
JUL										
10...	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.7	<.1
AUG										
10...	<.01	<.1	<1	<.01	.02	<.01	.02	<.01	3.5	<.1
SEP										
25...	<.01	<.1	<1	<.01	.08	<.01	<.01	<.01	15	<.1

< Actual value is known to be less than the value shown.

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CE 03750)

LOCATION.--Lat 29°53' 40", long 91°26' 46", T.13 S., R.10 E., St. Mary Parish, Hydrologic Unit 08080101, 5.0 mi east of Charenton and at mile 95.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to July 1984 (discontinued).

WATER-QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 19...	1100	538	6.8	22.5	5	7.0	<1	7.5	12	1.6	K36
JAN 06...	1145	264	7.4	1.0	30	60	<1	12.3	10	3.4	460
APR 18...	1245	310	7.7	14.5	20	75	<1	8.4	<10	1.4	440
JUL 30...	1200	432	8.1	29.5	5	45	<1	6.6	13	.4	K90

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 19...	K8	190	48	18	27	3.7	140	75	34	2	.03	.8
JAN 06...	K80	97	25	8.3	24	2.8	63	33	37	106	.01	1.2
APR 18...	K150	110	30	8.4	14	2.5	80	36	19	80	.05	1.6
JUL 30...	20	170	46	14	17	3.6	125	52	25	70	<.01	2.1

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 19...	.6	.11	3	2	10	<.5	1	<1	10	<1	3	2
JAN 06...	.7	.10	1	1	<10	<.5	1	1	20	<1	5	4
APR 18...	.6	.10	2	1	<10	<1	1	<1	20	<1	9	9
JUL 30...	.8	.07	3	1	<10	<1	1	<1	10	<1	6	6

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 19...	<3	5	2	<.1	<.1	3	2	<1	<1	2	110	<3
JAN 06...	100	9	2	<.1	<.1	6	2	<1	<1	1	30	8
APR 18...	97	9	1	.1	<.1	7	2	<1	<1	<1	30	13
JUL 30...	6	--	3	.1	.1	6	4	1	1	2	10	7

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381557 CHICOT PASS AT MYETTE POINT, NEAR CHARENTON, LA (CB 03750)--Continued

WATER QUALITY DATA, OCTOBER 1983 TO JULY 1984

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT												
19...	4.2	<.01	1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
JAN												
06...	7.2	<.01	11	1	<.1	<.1	<.001	<.1	<.001	<.001	.110	.01
APR												
18...	4.4	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUL												
30...	4.8	<.01	5	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
19...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN											
06...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
18...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL											
30...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
19...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	6.7	.7
JAN											
06...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.0	<.1
APR											
18...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	1.8	<.1
JUL											
30...	<.01	.26	<.1	<1	<.01	.02	<.01	.01	<.01	4.1	<.1

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA

LOCATION.--Lat 29°41'52", long 91°22'22", in lot 56, T.15 S., R.11 E., St. Mary Parish, Hydrologic Unit 08080101, at Southern Railways System Bridge, 160 ft downstream from State Highway 90, 0.4 mi downstream from Bayou Teche, 0.5 mi west of Calumet, and 9.8 mi west of Morgan City.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to June 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, May 1942 to September 1976 and discharge, 1942-46, 1949-55, and intermittently, 1957 to current year (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Relief outlet for Atchafalaya basin; discharge and elevations are affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.60 ft June 6, 1983, minimum, -1.01 ft Jan. 17, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since 1942, 11.02 ft, present datum, May 27, 1973, minimum, -2.82 ft, present datum, Oct. 18, 1948 (from records of Corps of Engineers, New Orleans district).

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.62 ft May 20; minimum, -0.26 ft Sept. 30.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft³/s)	Date	Discharge (ft³/s)	Date	Discharge (ft³/s)
Oct. 11, 1983......	43,500	Feb. 14............	94,600	June 12.............	167,000
Oct. 18............	33,500	Mar. 13............	147,000	June 26.............	101,000
Nov. 1.............	48,900	Mar. 27............	141,000	July 10.............	88,300
Nov. 15............	60,800	Apr. 10............	163,000	Aug. 14.............	47,400
Dec. 13............	136,000	Apr. 24............	183,000	Aug. 28.............	51,400
Jan. 10, 1984......	107,000	May 15............	169,000	Sept. 11.............	37,400
Jan. 31............	71,200	May 29............	192,000	Sept. 25.............	44,700
Feb. 7............	74,000				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.20	1.86	2.15	4.07	1.66	3.64	4.63	5.91	6.41	3.51	2.74	2.28
2	2.18	2.19	2.47	4.01	1.71	3.79	4.99	5.96	6.41	3.55	2.81	2.14
3	1.90	2.27	2.82	3.95	2.15	3.95	4.94	6.20	6.35	3.27	3.36	2.02
4	2.29	2.24	3.06	3.72	1.96	4.16	4.93	5.83	6.34	3.17	3.04	1.83
5	2.29	2.00	3.22	3.51	1.86	4.37	4.89	5.81	6.32	3.14	3.08	1.81
6	1.21	2.26	3.61	3.35	1.39	4.16	5.05	5.90	6.34	3.20	2.99	1.88
7	1.70	2.51	3.24	3.24	1.89	4.19	5.31	5.99	6.36	3.21	2.86	2.02
8	1.85	2.01	3.60	3.33	1.87	4.19	5.54	5.98	6.34	3.30	2.90	2.07
9	1.66	2.20	3.80	3.33	1.84	4.18	5.54	5.73	6.28	3.41	2.93	1.99
10	1.62	1.62	4.03	3.36	1.76	4.29	---	5.81	6.20	3.46	2.72	2.24
11	2.11	1.13	4.58	2.72	1.75	4.37	5.54	5.86	6.14	3.39	2.68	1.85
12	2.73	1.75	4.07	2.96	2.01	4.47	5.73	5.88	5.99	3.42	2.48	1.40
13	1.17	1.73	4.35	2.67	2.31	4.64	5.74	5.87	5.84	3.43	2.42	1.15
14	1.69	1.68	4.49	2.42	2.38	4.61	5.74	5.91	5.72	3.40	2.23	.98
15	2.13	1.80	4.44	2.51	2.61	4.70	5.66	5.81	5.57	3.21	2.41	1.24
16	2.22	.81	4.51	2.37	2.77	4.78	5.64	5.93	5.48	3.14	2.03	.70
17	2.35	1.19	4.61	2.37	2.69	4.80	5.58	5.91	5.28	3.33	1.84	1.49
18	2.10	1.54	4.71	2.85	3.14	4.86	5.66	6.04	5.05	3.24	1.85	1.93
19	2.09	1.70	4.80	1.99	3.11	4.94	5.75	6.08	4.78	3.13	1.90	2.14
20	2.34	2.21	4.75	2.25	2.70	4.78	5.87	6.34	4.48	3.12	2.24	2.56
21	2.02	1.95	5.05	2.03	2.86	4.64	6.16	6.38	4.17	3.18	2.23	3.87
22	2.07	2.47	5.21	2.26	2.98	4.54	6.06	6.44	3.93	3.10	2.25	3.63
23	.98	3.27	4.96	2.43	2.92	4.47	5.90	6.52	3.78	3.02	2.26	2.92
24	1.49	1.97	4.80	2.34	3.02	4.55	5.86	6.40	3.60	3.14	2.06	2.96
25	1.22	2.13	4.50	2.10	3.04	4.43	5.85	6.42	3.47	3.16	2.45	2.62
26	1.23	2.75	4.67	1.90	3.40	4.36	6.01	6.48	3.45	3.15	2.54	2.42
27	1.56	3.31	5.05	1.77	4.32	4.54	6.18	6.53	3.65	3.24	2.36	1.74
28	1.86	2.28	5.06	1.65	3.59	4.67	6.08	6.52	3.56	3.21	2.48	1.48
29	1.65	1.95	4.51	1.66	3.44	4.35	6.12	6.45	3.72	3.03	2.44	1.11
30	1.99	2.30	4.19	1.72	---	4.45	6.07	6.31	3.69	2.76	2.35	1.06
31	1.93	---	4.17	1.40	---	4.53	---	6.36	---	2.78	1.94	---
MAX	2.73	3.31	5.21	4.07	4.32	4.94	6.18	6.53	6.41	3.55	3.36	3.87
MIN	.98	.81	2.15	1.40	1.39	3.64	4.63	5.73	3.45	2.76	1.84	.70

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1959-60, 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to September 1984 (discontinued).
CHLORIDE-SURFACE: October 1974 to September 1984 (discontinued).
CHLORIDE-25 FT DEPTH: December 1980 to September 1984 (discontinued).
CHLORIDE-45 FT DEPTH: December 1980 to September 1984 (discontinued).

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples are collected at the water surface and at 25-ft and 45-ft depths. Corps of Engineers station 03720.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 33.0°C July 20, 1978; minimum daily, 2.0°C Jan. 4, 5, 1984.
CHLORIDE-SURFACE: Maximum daily, 150 mg/L June 13, 14, 1977; minimum daily, 9.1 mg/L Apr. 15, 1976.
CHLORIDE-25 FT DEPTH: Maximum daily, 110 mg/L Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 12 mg/L May 27, 1984.
CHLORIDE-45 FT DEPTH: Maximum daily, 110 mg/L Mar. 8, Nov. 5, 7, 8, 10, 11, 1981; minimum daily, 12 mg/L May 27, 28, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 30.0°C July 31; minimum daily, 2.0°C Jan. 4, 5.
CHLORIDE-SURFACE: Maximum daily, 85 mg/L Nov. 12; minimum daily, 12 mg/L Apr. 17, May 26-28, 31.
CHLORIDE-25 FT DEPTH: Maximum daily, 90 mg/L Nov. 12; minimum daily, 12 mg/L May 27.
CHLORIDE-45 FT DEPTH: Maximum daily, 85 mg/L Nov. 14; minimum daily, 12 mg/L May 27, 28.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT 18...	1100	33500	554	7.5	23.0	5	6.0	<1.0	8.1	39	1.3	K85
NOV 15...	1145	60800	694	6.8	17.0	5	80	<1.0	8.6	27	.6	K700
DEC 13...	1100	136000	331	7.4	10.0	50	140	<1.0	9.7	<10	1.8	1500
JAN 31...	1030	71200	312	6.8	6.0	40	85	<1.0	12.2	46	2.4	700
FEB 14...	1100	95000	360	6.8	7.0	20	40	<1.0	12.1	14	2.6	230
MAR 13...	1100	147000	247	7.1	11.0	60	130	<1.0	9.2	<10	1.7	880
APR 24...	1100	183000	324	7.8	17.0	10	70	<1.0	8.2	10	1.1	420
MAY 29...	1430	192000	289	7.9	23.5	20	65	<1.0	6.9	13	.6	2800
JUN 26...	1100	101000	383	8.0	28.0	15	210	<1.0	--	10	--	K30000
JUL 10...	1050	88300	394	7.8	28.5	5	130	<1.0	6.7	<10	.3	1400
AUG 28...	1245	51400	431	7.8	30.5	15	25	<1.0	--	23	.9	K44
SEP 25...	1230	44700	480	7.9	26.5	5	10	<1.0	7.3	14	1.9	K130

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT 18...	K6	190	47	17	36	3.2	139	75	33	<1	.03	.5
NOV 15...	30	190	49	16	58	3.6	99	88	84	135	<.01	1.1
DEC 13...	70	110	30	8.7	18	2.8	76	40	23	162	.06	1.4
JAN 31...	K30	110	28	9.0	17	2.5	82	36	22	122	.03	1.0
FEB 14...	26	100	38	12	18	2.6	90	46	22	95	.03	1.3
MAR 13...	120	85	23	6.7	13	2.4	61	27	18	200	.06	1.2
APR 24...	23	120	33	9.1	16	2.5	82	44	23	112	.04	1.6
MAY 29...	K10	120	34	8.6	8.8	2.5	85	34	13	150	.02	1.4
JUN 26...	<5	150	41	12	14	3.4	111	43	18	429	.03	2.4
JUL 10...	240	150	42	12	15	3.5	111	49	20	230	.02	2.4
AUG 28...	K14	150	40	13	25	2.9	110	54	27	56	.01	.9
SEP 25...	K16	170	44	15	32	3.1	117	72	28	16	.01	.5

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT 18...	.5	.09	3	3	<10	<.5	1	<1	10	<1	14	5
NOV 15...	.4	.08	2	2	<10	<.5	1	<1	30	<1	13	5
DEC 13...	.7	.14	3	1	<10	<.5	2	<1	20	<1	20	6
JAN 31...	1.7	.11	2	1	<10	<.5	1	<1	10	<1	35	16
FEB 14...	.7	.11	2	1	<10	<1	<1	<1	10	<1	25	9
MAR 13...	.8	.10	2	1	<10	.8	1	<1	20	<1	13	4
APR 24...	.8	.08	2	1	<10	<1	1	<1	20	<1	22	7
MAY 29...	1.2	.08	2	1	<10	<1	<1	<1	10	<1	18	4
JUN 26...	.5	.13	3	2	<10	<1	5	<1	10	<1	40	8
JUL 10...	.3	.18	3	2	<10	<1	1	<1	10	<1	21	5
AUG 28...	.6	.09	3	3	<10	1	1	<1	10	<1	14	6
SEP 25...	.3	.07	3	2	<10	<.0	7	<1	<10	<1	17	7

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 18...	6	2	1	<.1	<.1	3	3	<1	<1	<1	20	14
NOV 15...	10	13	3	<.1	<.1	7	3	1	<1	3	30	24
DEC 13...	53	16	1	<.1	<.1	10	5	<1	<1	1	50	20
JAN 31...	85	11	1	.1	.2	8	5	<1	<1	3	80	55
FEB 14...	14	5	<1	.1	<.1	7	4	<1	<1	1	10	6
MAR 13...	32	8	<1	<.1	.2	10	3	<1	<1	2	40	13
APR 24...	23	9	5	<.1	<.1	10	5	<1	<1	1	<10	11
MAY 29...	<3	10	1	<.1	<.1	7	3	<1	<1	<1	40	14
JUN 26...	13	20	2	<.1	.1	23	4	1	1	<1	70	11
JUL 10...	20	8	2	.1	.2	10	10	<1	1	3	30	6
AUG 28...	13	4	2	.1	.1	3	2	<1	<1	2	20	12
SEP 25...	5	54	1	<.1	.2	4	3	<1	<1	--	30	4

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT 18...	4.1	<.01	16	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
NOV 15...	5.5	<.01	3	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
DEC 13...	7.8	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	.003	<.01
JAN 31...	7.4	<.01	11	3	<.1	<.1	<.001	<.1	<.001	<.001	.004	.01
FEB 14...	4.8	<.01	<1	2	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.06
MAR 13...	--	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	.010	<.01
APR 24...	4.8	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
MAY 29...	4.0	<.01	6	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUN 26...	8.4	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUL 10...	5.9	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
AUG 28...	3.7	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
SEP 25...	3.2	<.01	3	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT 18...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
NOV 15...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
DEC 13...	.003	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JAN 31...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
FEB 14...	.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
MAR 13...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR 24...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
MAY 29...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUN 26...	.006	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUL 10...	5.5	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
AUG 28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
SEP 25...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT 18...	<.01	<.01	<.1	<1	<.01	--	--	--	--	6.4	.6
NOV 15...	<.01	<.01	<.1	<1	<.01	.03	<.01	<.01	<.01	2.7	1.2
DEC 13...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	1.6	1.2
JAN 31...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.9	<.1
FEB 14...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.0	<.1
MAR 13...	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	3.3	1.5
APR 24...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.7	<.1
MAY 29...	.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	1.1	<.1
JUN 26...	<.01	<.01	<.1	<1	<.01	.01	<.01	<.01	<.01	.8	<.1
JUL 10...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	1.2	<.1
AUG 28...	<.01	<.01	<.1	<1	<.01	.02	<.01	.03	<.01	5.6	<.1
SEP 25...	<.01	<.01	<.1	<1	<.01	<.01	<.01	<.01	<.01	1.2	<.1

< Actual value is known to be less than the value shown.

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
18...	11	995	100
NOV			
15...	202	33200	99
DEC			
13...	575	211000	85
JAN			
31...	183	35200	99
FEB			
14...	158	40500	91
MAR			
13...	418	166000	80
APR			
24...	306	151000	69
MAY			
29...	279	145000	73
JUN			
26...	558	152000	98
JUL			
10...	292	69600	99
AUG			
28...	118	16400	100
SEP			
25...	85	10300	100

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	21.0	14.0	3.0	7.0	10.0	14.0	19.0	24.0	28.0	29.0	29.0
2	26.0	21.0	13.0	3.0	7.0	11.0	14.0	19.0	24.0	28.0	29.0	29.0
3	26.0	20.0	13.0	3.0	7.0	11.0	14.0	19.0	24.0	28.0	29.0	29.0
4	27.0	20.0	13.0	2.0	8.0	11.0	14.0	20.0	25.0	28.0	28.0	29.0
5	27.0	19.0	---	2.0	9.0	11.0	14.0	21.0	25.0	26.0	29.0	28.0
6	26.0	19.0	13.0	3.0	9.0	11.0	14.0	21.0	25.0	26.0	28.0	28.0
7	26.0	19.0	13.0	3.0	8.0	11.0	14.0	21.0	25.0	26.0	29.0	28.0
8	26.0	19.0	13.0	4.0	8.0	11.0	14.0	21.0	26.0	26.0	28.0	29.0
9	26.0	19.0	12.0	---	8.0	11.0	14.0	21.0	26.0	28.0	28.0	29.0
10	25.0	18.0	12.0	4.0	9.0	11.0	14.0	21.0	---	28.0	28.0	29.0
11	25.0	18.0	12.0	4.0	10.0	11.0	14.0	21.0	26.0	29.0	28.0	29.0
12	25.0	16.0	12.0	4.0	11.0	12.0	14.0	21.0	27.0	29.0	28.0	29.0
13	23.0	16.0	12.0	4.0	12.0	13.0	15.0	21.0	27.0	29.0	28.0	29.0
14	23.0	17.0	11.0	5.0	12.0	14.0	15.0	21.0	27.0	29.0	28.0	29.0
15	24.0	17.0	11.0	5.0	12.0	14.0	15.0	23.0	27.0	29.0	28.0	29.0
16	24.0	16.0	11.0	5.0	12.0	15.0	15.0	23.0	28.0	29.0	28.0	[illegible]
17	24.0	16.0	11.0	5.0	12.0	14.0	16.0	23.0	28.0	29.0	28.0	[illegible]
18	24.0	16.0	10.0	5.0	13.0	14.0	16.0	23.0	29.0	29.0	29.0	27.0
19	24.0	16.0	9.0	5.0	12.0	14.0	16.0	23.0	29.0	29.0	29.0	27.0
20	24.0	16.0	8.0	5.0	12.0	---	16.0	23.0	29.0	29.0	29.0	27.0
21	24.0	16.0	8.0	5.0	12.0	14.0	17.0	23.0	29.0	29.0	29.0	27.0
22	24.0	16.0	8.0	5.0	13.0	14.0	17.0	23.0	29.0	29.0	29.0	27.0
23	24.0	16.0	8.0	5.0	13.0	14.0	17.0	23.0	29.0	29.0	29.0	27.0
24	24.0	---	8.0	5.0	13.0	14.0	18.0	23.0	28.0	28.0	29.0	27.0
25	22.0	16.0	5.0	5.0	13.0	15.0	18.0	23.0	29.0	28.0	29.0	27.0
26	21.0	15.0	4.0	4.0	13.0	15.0	18.0	24.0	29.0	29.0	29.0	26.0
27	21.0	15.0	4.0	5.0	---	15.0	18.0	24.0	29.0	29.0	29.0	26.0
28	21.0	14.0	4.0	---	11.0	15.0	18.0	24.0	29.0	28.0	29.0	25.0
29	21.0	14.0	3.0	7.0	10.0	14.0	18.0	25.0	28.0	29.0	29.0	25.0
30	21.0	14.0	3.0	7.0	---	14.0	19.0	---	28.0	29.0	29.0	25.0
31	---	---	3.0	7.0	---	14.0	---	25.0	---	30.0	29.0	---
MAX	27.0	21.0	14.0	7.0	13.0	15.0	19.0	25.0	29.0	30.0	29.0	29.0
MIN	21.0	14.0	3.0	2.0	7.0	10.0	14.0	19.0	24.0	26.0	28.0	25.0

07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	46	46	16	22	17	23	20	13	18	23	25
2	34	42	45	16	22	17	25	22	14	18	23	25
3	34	38	36	15	22	18	23	22	12	18	23	27
4	34	46	34	16	22	22	22	22	15	20	23	25
5	34	32	---	16	22	18	23	20	15	18	22	25
6	40	38	31	17	22	22	23	20	16	18	22	26
7	40	65	36	16	22	20	23	18	16	20	25	27
8	34	66	31	17	24	20	23	18	17	19	26	27
9	40	66	30	---	24	20	23	19	18	19	26	32
10	35	66	30	17	24	17	23	20	---	19	28	32
11	34	72	30	17	25	18	24	20	19	19	27	31
12	32	85	27	17	30	17	24	20	17	19	29	32
13	35	81	---	17	25	17	23	17	19	20	26	29
14	36	84	---	18	22	17	23	16	17	20	24	29
15	34	74	---	18	32	18	23	18	19	18	24	30
16	34	81	---	17	24	17	---	18	16	20	26	32
17	31	69	---	18	20	17	12	16	18	22	26	35
18	32	60	---	18	20	18	22	16	19	24	27	34
19	34	65	---	19	20	18	21	16	20	24	27	34
20	35	61	---	19	17	---	22	15	20	20	31	32
21	35	60	---	20	19	22	21	14	20	19	33	34
22	34	56	---	20	19	24	21	14	15	20	32	34
23	34	50	---	22	18	20	21	13	16	---	31	33
24	38	---	---	27	18	18	22	14	18	17	34	36
25	40	56	---	26	16	18	22	13	20	18	33	32
26	34	54	---	22	17	18	22	12	18	18	32	---
27	36	54	---	22	---	18	22	12	17	20	31	30
28	40	53	16	---	16	20	22	12	16	20	27	29
29	34	55	16	22	16	18	21	15	17	20	25	42
30	35	49	17	24	---	20	20	---	17	20	25	40
31	---	---	19	22	---	21	---	12	---	23	23	---
MAX	40	85	---	27	32	24	25	22	20	24	34	42
MIN	31	32	---	15	16	17	12	12	12	17	22	25

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 25.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	52	48	17	22	18	25	21	14	19	23	25
2	35	46	42	16	23	17	25	23	13	20	24	27
3	36	46	41	17	23	19	23	23	13	21	24	29
4	36	45	34	17	23	24	24	23	16	20	23	25
5	35	42	---	17	22	20	23	21	15	19	22	25
6	42	42	34	18	22	22	23	21	16	20	23	26
7	45	66	36	16	24	20	23	18	16	21	26	27
8	46	68	34	---	25	21	24	18	---	20	27	29
9	42	66	31	---	25	20	24	19	17	19	28	32
10	42	73	32	18	25	17	23	21	---	20	30	32
11	44	88	---	19	25	19	25	20	17	19	29	31
12	40	90	28	17	24	18	25	20	19	20	30	32
13	46	82	---	20	31	18	23	19	20	21	27	29
14	44	86	---	20	22	19	23	18	18	21	26	29
15	42	79	---	19	24	18	23	18	20	20	24	31
16	36	76	---	18	25	19	---	18	18	21	27	32
17	34	68	---	19	21	19	21	17	18	24	27	36
18	34	78	---	19	21	19	22	17	18	26	26	39
19	35	66	---	20	20	18	21	17	19	24	27	35
20	36	64	---	20	18	---	24	15	20	21	35	33
21	35	58	---	21	19	24	23	14	24	20	34	38
22	36	57	---	22	19	26	22	14	16	20	32	34
23	38	61	---	23	18	20	21	14	19	20	32	33
24	38	---	---	29	19	18	23	14	20	19	35	36
25	39	52	---	24	16	18	22	13	22	19	34	33
26	35	53	---	22	18	19	23	13	19	19	33	31
27	38	55	---	22	---	19	23	12	18	20	31	31
28	40	54	22	---	16	20	22	13	18	20	27	31
29	36	64	20	23	16	19	21	15	18	20	25	42
30	36	50	21	24	---	22	21	---	19	20	25	41
31	---	---	18	23	---	23	---	13	---	24	24	---
MAX	46	90	---	29	31	26	25	23	24	26	35	42
MIN	34	42	---	16	16	17	21	12	13	19	22	25

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07381590 WAX LAKE OUTLET AT CALUMET, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 45.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	48	44	17	22	18	25	22	15	20	25	25
2	37	42	44	16	23	21	24	24	16	21	25	27
3	35	37	40	20	23	19	24	---	13	21	25	28
4	36	36	34	18	22	23	26	23	17	21	24	26
5	35	40	---	17	23	22	24	22	17	21	23	26
6	44	40	34	17	23	22	24	21	15	20	23	26
7	48	68	33	18	24	22	24	19	16	21	26	27
8	44	66	35	17	27	23	24	19	17	21	28	30
9	43	66	36	---	25	21	24	19	17	19	27	33
10	44	72	34	19	26	20	24	22	---	20	31	33
11	41	78	32	19	24	19	25	21	17	20	32	32
12	39	82	28	18	24	18	25	21	18	21	30	34
13	45	84	---	20	24	18	23	19	19	22	28	30
14	40	85	---	20	23	19	24	17	18	21	28	30
15	30	82	---	19	24	18	24	19	19	20	26	31
16	38	80	---	20	24	19	---	19	18	22	28	32
17	30	72	---	20	22	19	24	17	17	25	28	36
18	36	78	---	20	21	20	20	19	18	28	29	38
19	38	65	---	21	19	19	22	17	19	25	28	35
20	36	66	---	20	19	---	23	15	19	23	32	34
21	36	62	---	---	20	24	24	16	20	21	34	37
22	36	58	---	23	20	25	24	14	20	22	33	36
23	34	60	---	23	19	21	23	15	20	21	33	33
24	42	---	---	24	19	18	23	15	20	20	36	38
25	38	54	---	23	18	19	23	13	23	20	35	33
26	36	52	---	22	17	19	22	14	19	20	34	32
27	37	55	---	22	---	20	23	12	18	22	32	31
28	42	53	22	---	18	21	23	12	19	21	29	33
29	36	62	20	24	16	21	22	17	18	20	26	42
30	40	48	27	25	---	25	22	---	21	22	26	43
31	---	---	20	24	---	---	---	13	---	24	25	---
MAX	48	85	---	25	27	25	26	24	23	28	36	43
MIN	30	36	---	16	16	18	20	12	13	19	23	25

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA
(National stream-quality accounting network station)

LOCATION.--Lat 29°41'47", long 91°12'39", on line between lots 1 and 6, St Mary Parish, Hydrologic Unit 08080101, near center of span on downstream side of Southern Railways System bridge at Morgan City, 0.3 mi downstream from U.S. Highway 90, 0.3 mi upstream from Bayou Boeuf, and 1.0 mi southwest of Morgan City High School.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1973 to September 1975 (discharge measurements only), October 1976 to current year (elevations and discharge measurements only). Gage heights, 1905 to December 1975 and discharge, intermittently, 1927 to December 1975 (collected in same vicinity) are in reports of Corps of Engineers, New Orleans district, and National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge and elevation affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.11 ft June 7, 1983, from Corps of Engineers records; minimum, -0.94 ft Nov. 29, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 28, 1973, reached an elevation of 10.53 ft, from incomplete record, discharge not determined. Maximum discharge observed during flood of June 8, 1927, 741,000 ft^3/s. Minimum elevation, -5.44 Aug. 25, 1926 (affected by storm). All data from records of Corps of Engineers, New Orleans district.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.35 ft May 20; minimum, 0.77 ft Sept. 30.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)
Oct. 11, 1983......	84,400	Feb. 7............	117,000	June 12.............	251,000
Oct. 18............	48,200	Feb. 14............	93,900	June 27.............	127,000
Nov. 1............	72,900	Mar. 13............	200,000	July 10.............	135,000
Nov. 15............	103,000	Apr. 10............	234,000	Aug. 14.............	79,900
Dec. 13............	190,000	Apr. 24............	266,000	Aug. 29.............	76,400
Jan. 10, 1984......	158,000	May 15............	253,000	Sept. 11.............	67,100
Jan. 31............	81,600	May 30............	306,000	Sept. 26.............	84,800

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.66	2.26	2.54	4.37	2.06	3.54	4.56	5.66	6.14	3.70	3.02	2.58
2	2.56	2.57	2.73	4.33	2.09	3.69	4.75	5.70	6.11	3.73	3.06	2.39
3	2.42	2.63	3.02	4.26	2.50	3.85	4.97	6.07	6.03	3.53	3.59	2.28
4	2.75	2.61	3.25	4.15	2.26	4.07	4.73	5.57	6.01	3.42	3.32	2.29
5	2.85	2.46	3.33	3.94	2.16	4.25	4.72	5.59	6.02	3.40	3.40	2.16
6	1.70	2.62	3.70	3.78	1.75	4.09	4.77	5.74	6.03	3.45	3.25	2.40
7	2.24	2.86	3.30	3.63	2.14	4.17	4.83	5.76	6.15	3.41	3.20	2.82
8	2.29	2.50	3.61	3.64	2.12	4.15	5.03	5.66	6.08	3.42	3.16	3.02
9	2.08	2.60	3.72	3.55	2.06	4.14	5.10	5.43	6.09	3.52	3.21	2.90
10	2.06	2.22	3.87	3.70	2.06	4.25	5.08	5.50	6.06	3.57	3.05	2.90
11	2.56	1.68	4.51	2.98	2.02	4.28	5.26	5.58	6.07	3.53	3.00	2.63
12	3.11	2.15	3.96	3.11	2.30	4.37	5.45	5.61	5.92	3.52	2.82	2.28
13	1.67	2.08	4.21	3.03	2.61	4.55	5.51	5.63	5.78	3.56	2.74	2.19
14	2.07	2.10	4.35	2.83	2.62	4.55	5.55	5.62	5.65	3.51	2.51	1.97
15	2.42	2.27	4.30	2.99	2.85	4.66	5.41	5.64	5.50	3.32	2.64	2.25
16	2.61	1.31	4.37	2.85	3.01	4.71	5.36	5.58	5.45	3.36	2.36	1.52
17	2.76	1.61	4.43	2.89	2.91	4.80	5.32	5.60	5.43	3.45	2.23	2.27
18	2.52	2.02	4.57	3.34	3.19	4.92	5.38	5.68	5.24	3.40	2.19	2.43
19	2.45	2.09	4.66	2.61	3.17	4.97	5.51	5.75	5.06	3.35	2.26	2.53
20	2.72	2.88	4.68	2.75	2.80	4.79	5.53	6.01	4.83	3.36	2.59	2.97
21	2.48	2.49	4.94	2.44	2.86	4.74	5.91	6.14	4.58	3.37	2.54	3.79
22	2.62	2.99	5.05	2.54	2.95	4.62	5.69	6.11	4.39	3.35	2.60	3.91
23	1.55	3.76	4.94	2.67	2.91	4.56	5.54	6.21	4.17	3.27	2.68	3.40
24	1.99	2.66	4.71	2.57	2.99	4.58	5.49	6.13	4.00	3.36	2.49	3.42
25	1.79	2.63	4.48	2.37	2.97	4.44	5.44	6.15	3.83	3.33	2.79	3.16
26	1.81	3.13	4.64	2.24	3.33	4.40	5.72	6.29	3.73	3.36	2.85	2.96
27	1.96	3.43	4.93	2.23	4.36	4.55	5.87	6.23	3.91	3.44	2.74	2.26
28	2.25	2.70	5.15	2.12	3.65	4.67	5.81	6.19	3.80	3.45	2.72	2.01
29	2.02	2.46	4.68	2.11	3.39	4.37	5.90	6.18	3.86	3.28	2.67	1.53
30	2.33	2.63	4.39	2.13	---	4.36	5.83	5.94	3.79	3.01	2.66	1.62
31	2.27	---	4.45	1.82	---	4.48	---	6.08	---	3.05	2.29	---
MAX	3.11	3.76	5.15	4.37	4.36	4.97	5.91	6.29	6.15	3.73	3.59	3.91
MIN	1.55	1.31	2.54	1.82	1.75	3.54	4.56	5.43	3.73	3.01	2.19	1.52

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1973 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1978 to September 1981.
WATER TEMPERATURES: October 1976 to current year (discontinued).
CHLORIDE-SURFACE: October 1974 to current year (discontinued).
CHLORIDE-25 FT DEPTH: October 1980 to current year (discontinued).
CHLORIDE-45 FT DEPTH: October 1980 to current year (discontinued).

COOPERATION.--Chloride samples collected by the Corps of Engineers and analyzed by the Geological Survey. Samples are collected at the water surface and at 25-ft and 45-ft depths. Corps of Engineers station 03780.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 622 micromhos Jan. 21, 1981; minimum daily, 179 micromhos Feb. 23, 1979.
WATER TEMPERATURES: Maximum daily, 32.0°C July 28, 1977; minimum daily, 4.0°C Feb. 9-11, 1978.
CHLORIDE-SURFACE: Maximum daily, 160 mg/L June 14-16, 1977; minimum daily, 11 mg/L Jan. 6, May 10, 1975.
CHLORIDE-25 FT DEPTH: Maximum daily, 120 mg/L Nov. 5, 1981; minimum daily, 16 mg/L Dec. 26, 29, 1982, many days during Jan., Feb.14, 1983.
CHLORIDE-45 FT DEPTH: Maximum daily, 130 mg/L Dec. 9, 1981; minimum daily, 14 mg/L Jan. 26, Mar. 1, May 27, 1983.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)
OCT							
18...	1415	48200	540	7.7	23.5	10	4.4
NOV							
15...	1430	103000	694	7.4	17.0	5	65
DEC							
13...	1400	190000	327	7.3	10.0	40	110
JAN							
31...	1400	81600	319	6.9	6.5	40	80
FEB							
14...	1345	93900	358	7.3	9.0	15	32
MAR							
13...	1400	200000	252	7.2	12.0	50	130
APR							
24...	1500	266000	316	7.6	17.5	20	60
MAY							
30...	0930	306000	293	7.8	24.0	15	70
JUN							
27...	0900	127000	373	7.9	28.5	60	20
JUL							
10...	1400	135000	398	7.8	28.5	5	110
AUG							
29...	0930	76400	404	7.9	30.0	15	15
SEP							
26...	0920	84800	492	8.0	26.0	5	10

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 18...	<1.0	8.4	12	1.3	K220	K10	K60
NOV 15...	<1.0	9.7	20	1.3	820	K15	K44
DEC 13...	<1.0	9.7	<10	1.5	1600	64	1200
JAN 31...	<1.0	12.1	24	2.6	960	92	740
FEB 14...	<1.0	11.2	17	2.2	88	36	150
MAR 13...	<1.0	9.2	12	1.8	900	100	150
APR 24...	<1.0	8.2	10	1.2	580	25	K36
MAY 30...	<1.0	6.8	17	1.1	K5500	35	110
JUN 27...	<1.0	6.1	10	.9	K18000	K60	K8
JUL 10...	<1.0	6.7	11	.8	4600	K30	K35
AUG 29...	<1.0	7.2	23	1.3	K36	K13	K20
SEP 26...	<1.0	7.0	<10	.5	100	K6	K28

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)
OCT 18...	190	47	17	37	3.2	144	73	33	.3	5.1	324	300
NOV 15...	190	48	16	64	3.7	115	88	85	--	--	--	--
DEC 13...	110	30	8.8	18	2.8	75	39	23	.1	6.1	184	170
JAN 31...	110	28	9.2	18	2.6	82	36	24	--	--	--	--
FEB 14...	110	33	6.8	19	.70	90	41	21	.2	4.6	206	180
MAR 13...	89	24	7.0	14	2.3	66	27	19	--	--	--	--
APR 24...	120	33	9.2	16	2.6	89	38	21	.1	6.5	237	180
MAY 30...	120	34	8.7	9.4	2.5	87	36	14	--	--	--	--
JUN 27...	150	40	12	14	3.3	111	41	18	.2	6.7	223	200
JUL 10...	150	42	12	16	3.4	115	43	22	--	--	--	--
AUG 29...	150	39	12	25	2.9	108	54	25	.2	4.3	254	230
SEP 26...	170	44	15	33	3.1	25	70	29	--	--	--	--

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)
OCT 18...	2	.46	.04	.5	.59	.02	.6	.6	.11	--	.08	20
NOV 15...	114	1.1	.02	1.1	--	--	--	.4	.09	--	--	--
DEC 13...	147	1.2	.06	1.3	1.4	.15	1.0	.5	.11	.11	.05	--
JAN 31...	116	.97	.03	1.0	--	--	--	1.2	.10	--	--	--
FEB 14...	80	1.2	.03	1.2	1.2	.10	.9	.8	.10	.05	.05	<10
MAR 13...	150	1.1	.06	1.2	--	--	--	.7	.13	--	--	--
APR 24...	108	1.6	.04	1.6	1.4	<.01	2.2	2.4	.08	.01	.04	--
MAY 30...	164	1.3	.02	1.3	--	--	--	3.1	.13	--	--	--
JUN 27...	413	2.3	.04	2.3	2.2	.39	1.4	.7	.15	.08	.07	30
JUL 10...	216	2.3	.02	2.3	--	--	--	.6	.14	--	--	--
AUG 29...	48	.89	.01	.9	.92	.12	.7	.6	.07	.07	.04	30
SEP 26...	18	--	<.01	.5	--	--	--	.3	.08	--	--	--

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)
OCT 18...	2	2	110	<10	<.5	1	<1	10	<1	<1	<3	15
NOV 15...	2	2	--	<10	<.5	1	<1	20	--	<1	--	14
DEC 13...	3	1	--	<10	<.5	3	<1	10	--	<1	--	19
JAN 31...	3	2	--	<10	<.5	1	<1	20	--	<1	--	19
FEB 14...	2	1	45	<10	<.5	<1	<1	<10	<1	<1	<3	18
MAR 13...	2	2	--	<10	.5	1	<1	20	--	<1	--	10
APR 24...	2	1	--	<10	<1	1	1	20	--	<1	--	12
MAY 30...	3	1	--	<10	<1	<1	<1	20	--	<1	--	15
JUN 27...	3	2	85	<10	<1	2	<1	10	<1	<1	<3	33
JUL 10...	4	2	--	<10	1	1	<1	30	--	<1	--	55
AUG 29...	3	3	89	<10	<1	1	<1	10	<1	<1	<3	13
SEP 26...	3	2	--	<10	1	6	<1	10	--	<1	--	30

< Actual value is known to be less than the value shown.

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	NICKEL, DIS-SOLVED (UG/L AS NI)
OCT 18...	6	5	3	2	16	2	<.1	<.1	<10	2	2
NOV 15...	4	6	10	8	--	--	<.1	<.1	--	8	5
DEC 13...	5	53	17	1	--	--	<.1	<.1	--	8	4
JAN 31...	6	97	12	2	--	--	.3	.1	--	10	4
FEB 14...	3	20	4	1	7	6	.2	<.1	<10	5	1
MAR 13...	4	71	6	5	--	--	<.1	--	--	9	3
APR 24...	8	35	5	3	--	--	.1	<.1	--	8	3
MAY 30...	7	30	9	2	--	--	.1	<.1	--	7	4
JUN 27...	5	36	15	<1	18	2	<.1	<.1	<10	17	1
JUL 10...	12	42	8	3	--	--	.3	.2	--	6	6
AUG 29...	5	14	5	5	7	6	.1	.1	<10	2	2
SEP 26...	--	3	7	--	--	--	<.1	--	--	2	--

DATE	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)
OCT 18...	<1	<1	<1	280	<6	20	11	4.3	<.01	7	<1
NOV 15...	<1	<1	--	--	3	20	14	5.1	.14	1	2
DEC 13...	<1	<1	--	--	1	40	14	8.2	<.01	4	<1
JAN 31...	<1	<1	--	--	4	80	5	7.5	<.01	<1	1
FEB 14...	<1	<1	2	110	<6	30	13	3.8	<.01	<1	<1
MAR 13...	<1	<1	--	--	2	70	9	8.6	<.01	<1	1
APR 24...	1	<1	--	--	<1	30	19	4.8	<.01	<1	1
MAY 30...	<1	<1	--	--	<1	30	12	4.4	<.01	1	1
JUN 27...	<1	1	1	180	<6	50	6	7.0	<.01	<1	1
JUL 10...	<1	1	--	--	2	40	8	5.4	<.01	<1	1
AUG 29...	<1	<1	1	220	<6	20	12	3.6	<.01	<1	<1
SEP 26...	<1	<1	--	--	1	10	<3	3.2	<.01	8	<1

< Actual value is known to be less than the value shown.

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)
OCT 18...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	.01	<.001	<.001	<.001
NOV 15...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001
DEC 13...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001
JAN 31...	<.1	<.10	<.001	<.1	<.001	<.001	.009	<.01	.018	<.001	<.001
FEB 14...	<.1	<.10	<.001	<.1	<.001	<.001	.001	.01	.002	<.001	<.001
MAR 13...	<.1	<.10	<.001	<.1	<.001	<.001	.010	<.01	<.001	<.001	<.001
APR 24...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001
MAY 30...	<.1	<.10	<.001	<.1	<.001	<.001	.210	<.01	.010	<.001	<.001
JUN 27...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	.01	.006	<.001	<.001
JUL 10...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001
AUG 29...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001
SEP 26...	<.1	<.10	<.001	<.1	<.001	<.001	<.001	<.01	<.001	<.001	<.001

DATE	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)
OCT 18...	<.01	.020	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
NOV 15...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
DEC 13...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JAN 31...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
FEB 14...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
MAR 13...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
APR 24...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
MAY 30...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JUN 27...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
JUL 10...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
AUG 29...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1
SEP 26...	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01	<.01	<.01	<.1

< Actual value is known to be less than the value shown.

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 18...	<1	<.01	.01	<.01	<.01	<.01	11	.8	16	2090	100
NOV 15...	<1	<.01	.06	<.01	<.01	<.01	2.5	.9	192	53500	98
DEC 13...	<1	<.01	.03	<.01	<.01	<.01	1	<.1	597	306000	87
JAN 31...	<1	<.01	.03	<.01	<.01	<.01	1.7	<.1	207	45600	99
FEB 14...	<1	<.01	.03	<.01	.01	<.01	1.5	<.1	274	69500	97
MAR 13...	<1	<.01	.06	<.01	<.01	<.01	2.6	1.5	433	234000	83
APR 24...	<1	<.01	.02	<.01	<.01	<.01	1.2	<.1	63	261000	60
MAY 30...	<1	<.01	.02	<.01	<.01	<.01	1.2	<.1	318	263000	70
JUN 27...	<1	<.01	.06	<.01	<.01	<.01	1.2	<.1	556	191000	100
JUL 10...	<1	<.01	.04	<.01	<.01	<.01	1.9	<.1	305	111000	98
AUG 29...	<1	<.01	.02	<.01	.02	<.01	6.6	<.1	109	22500	100
SEP 26...	<1	.01	.04	<.01	<.01	<.01	3.7	<.1	103	23700	100

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	20.0	14.5	---	7.0	11.0	---	19.0	22.5	---	---	---
2	---	20.0	14.0	5.0	7.0	11.0	15.0	19.0	---	27.0	28.0	---
3	---	20.0	---	4.5	---	---	14.0	20.0	---	27.0	28.0	27.0
4	26.0	19.5	---	4.5	---	---	15.0	20.0	23.0	---	---	27.0
5	27.0	---	14.0	5.5	---	12.0	14.0	---	24.0	27.0	---	27.0
6	25.0	---	14.0	5.5	7.0	11.0	---	---	24.0	27.0	28.0	27.5
7	25.0	19.0	12.5	---	7.0	11.0	---	22.0	24.0	---	28.0	27.5
8	---	18.0	12.5	---	7.0	12.0	---	21.0	25.0	---	28.0	27.5
9	---	18.0	12.5	6.0	8.0	12.0	14.0	21.0	---	27.0	28.0	---
10	24.0	17.0	---	6.0	8.5	---	16.0	21.0	---	27.0	28.0	---
11	24.0	16.5	---	6.0	---	---	16.0	22.0	25.0	27.0	---	27.5
12	25.0	---	12.0	---	---	13.0	16.0	---	25.0	28.0	---	28.0
13	24.0	---	11.0	---	9.0	13.0	16.0	---	25.0	28.0	---	28.0
14	22.5	17.5	11.0	---	9.0	13.0	---	22.0	25.0	---	27.0	27.0
15	---	17.0	11.0	---	9.0	13.0	---	22.0	---	---	---	---
16	---	15.0	11.0	7.0	---	13.0	16.0	22.0	---	28.0	27.0	---
17	23.0	15.0	---	6.5	---	---	16.0	22.0	---	28.0	27.0	27.0
18	23.0	16.0	---	7.0	---	---	17.0	22.0	26.0	---	---	---
19	23.5	---	10.0	6.0	---	14.0	17.0	---	26.0	---	---	27.0
20	23.5	15.5	10.0	5.0	14.0	14.0	18.0	---	27.0	---	---	27.0
21	23.0	---	10.0	---	14.0	15.0	---	23.0	27.0	---	28.0	27.0
22	---	16.5	---	---	13.0	15.0	---	23.0	28.0	---	28.0	---
23	---	16.5	---	7.0	13.0	---	16.0	23.0	---	28.0	28.0	---
24	21.5	---	---	7.0	12.0	---	18.0	28.0	---	28.0	28.0	26.0
25	21.5	---	---	7.0	---	---	18.0	---	27.0	---	---	26.0
26	21.5	---	---	6.5	---	15.0	18.0	---	27.0	28.0	---	26.0
27	20.5	---	---	7.0	12.0	15.0	18.0	---	27.0	28.0	28.0	25.0
28	21.0	15.0	---	---	12.0	15.0	---	---	27.0	---	28.0	24.5
29	---	14.5	---	---	---	14.0	---	---	27.0	---	28.0	---
30	---	14.5	---	7.0	---	14.0	19.0	---	---	28.0	28.0	---
31	20.0	---	---	7.0	---	14.0	---	---	---	28.0	---	---

< Actual value is known to be less than the value shown.

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07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 5.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	44		---	24	20	---	24	14	---	---	---
2	---	45		18	23	22	24	24	---	22	24	---
3	---	44		18	---	---	24	23	---	22	23	26
4	41	41		18	---	---	24	26	15	---	---	27
5	44	---		20	---	23	24	---	15	23	---	26
6	40	---		20	21	23	---	---	16	22	24	29
7	40	56		---	22	23	---	20	16	---	26	29
8	---	69		---	23	23	---	20	15	---	25	29
9	---	68		18	24	23	24	20	---	19	29	---
10	40	68		18	26	---	24	22	15	20	28	---
11	41	76		19	---	---	24	24	15	22	---	29
12	39	---		---	---	20	24	---	15	22	---	45
13	42	---		---	23	21	24	---	17	26	27	45
14	44	84		---	24	20	---	18	13	---	26	42
15	---	76		---	23	18	---	19	---	---	---	---
16	---	70		19	---	20	23	19	---	28	26	---
17	32	72		18	25	20	21	16	---	26	25	38
18	34	56		20	---	20	21	17	16	---	---	45
19	38	---		23	---	20	22	---	15	---	---	33
20	36	59		20	19	21	26	---	18	---	---	34
21	35	---		---	21	23	---	17	20	---	33	35
22	---	56		---	23	26	---	17	21	---	33	---
23	---	49		22	20	---	20	18	---	24	34	---
24	38	---		26	17	---	26	14	---	23	35	34
25	40	---		26	---	---	20	---	21	---	---	32
26	37	---		24	---	20	20	---	19	23	---	33
27	38	---		24	18	17	22	---	18	22	34	39
28	37	51		---	19	22	---	---	19	---	30	29
29	---	50		---	---	22	---	---	22	---	20	---
30	---	54		24	---	23	23	---	---	25	22	---
31	32	---		23	---	23	---	---	---	24	---	--

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 25.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	47		---								
2	---	50		19								
3	---	41		19								
4	---	44		20								
5	48	---		21								
6	41	---		21								
7	44	64		---								
8	---	73		---								
9	---	69		19								
10	44	72		18								
11	46	84		23								
12	43	---		---								
13	44	---		---								
14	51	86		---								
15	---	85		---								
16	---	74		---								
17	35	74		19								
18	40	64		22								
19	42	---		25								
20	40	62		22								
21	39	---		---								
22	---	59		---								
23	---	52		24								
24	42	---		26								
25	40	---		---								
26	44	---		---								
27	42	---		---								
28	47	54		---								
29	---	58		---								
30	---	56		---								
31	34	---		---								

07381600 LOWER ATCHAFALAYA RIVER AT MORGAN CITY, LA--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
SAMPLING DEPTH 45.00(FT.), ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	46		---								
2	---	48		19								
3	94	45		19								
4	---	42		20								
5	38	---		21								
6	40	---		21								
7	46	64		---								
8	---	74		---								
9	---	70		19								
10	46	67		18								
11	51	88		23								
12	44	---		---								
13	45	---		---								
14	46	81		---								
15	---	88		---								
16	---	76		22								
17	38	72		21								
18	36	64		23								
19	40	---		25								
20	40	60		23								
21	41	---		---								
22	---	58		---								
23	---	55		24								
24	37	---		26								
25	41	---		27								
26	44	---		27								
27	41	---		24								
28	40	52		---								
29	---	57		---								
30	---	56		24								
31	36	---		24								

07381800 SPRING CREEK NEAR GLENMORA, LA

LOCATION.--Lat 31°00'10", long 92°34'10", in SE1/4NE1/4 sec.4, T. 1 S., R.2 W., Rapides Parish, Louisiana meridian, Hydrologic Unit 08080102, near right bank on downstream side of bridge on U.S. Highway 165, 0.2 mi upstream from Missouri Pacific Railroad Co. bridge, 2.0 mi north of Glenmora, and 7.9 mi upstream from mouth.

DRAINAGE AREA.--68.4 mi^2.

PERIOD OF RECORD.--Water-years 1954-56 (annual maximum), March 1956 to current year.

REVISED RECORDS.--WRD LA 1974: 1962(M), 1964(M), 1965(P), 1966(M), 1967-68(P), 1971-72(M), 1973(P).

GAGE.--Water-stage recorder. Datum of gage is 63.28 ft National Geodetic Vertical Datum of 1929. Oct. 23, 1953, to Mar. 6, 1956, crest-stage gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--28 years, 92.6 ft^3/s, 18.38 in/yr, 67,090 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,570 ft^3/s, Dec. 26, 1982, gage height, 17.57 ft; minimum, 24 ft^3/s Sept. 26, 27 28, 29-30, Oct. 1, 2, 3, 4-5, 6, 1982; minimum gage height, 4.55 ft Oct. 4, 5, 6, 1970.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1886, 20.50 ft in May 1953; flood of June 1886 was similar, from floodmarks and information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,100 ft ^{3}/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	0600	1850	13.91	June 8	1200	3660	15.27
Feb. 12	2130	*5860	*16.61				

Minimum discharge, 37 ft^3/s Oct. 28, 29, 30, 31, Nov. 1, 2, 3, 4; minimum gage height 5.04 ft Sept. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	38	48	62	55	93	59	53	54	59	47	43
2	44	37	46	59	54	83	83	53	53	54	46	43
3	44	37	87	58	70	79	379	52	52	53	46	48
4	43	37	188	56	58	76	440	51	51	50	46	61
5	43	39	157	55	56	501	131	51	50	53	46	45
6	42	39	156	54	55	774	84	50	185	52	50	43
7	43	42	182	53	53	259	73	50	2810	50	49	43
8	43	44	81	52	52	123	255	86	1580	50	48	43
9	42	40	63	63	55	98	467	57	355	57	53	43
10	42	39	66	155	68	88	171	51	111	50	57	43
11	42	38	774	157	106	82	93	50	88	50	49	42
12	42	38	1500	87	2830	82	78	49	83	49	48	42
13	42	38	275	69	3420	80	71	49	74	50	57	42
14	42	38	110	63	1200	75	68	48	70	50	48	42
15	42	39	90	86	221	73	65	48	67	50	47	42
16	42	38	79	129	559	72	63	47	65	50	46	42
17	42	38	75	97	703	70	61	47	64	49	46	41
18	42	38	77	87	203	69	60	46	63	49	45	41
19	42	52	72	82	130	72	59	59	72	49	45	41
20	42	69	65	78	107	71	58	230	61	48	45	41
21	43	47	141	66	112	67	57	441	58	48	45	46
22	39	50	154	61	103	67	57	682	57	48	45	438
23	38	97	158	74	95	65	56	710	56	47	45	247
24	38	105	89	205	85	73	55	140	54	48	45	97
25	38	59	71	210	79	69	54	85	54	47	44	62
26	38	48	64	106	148	65	54	77	52	53	45	52
27	38	55	68	78	363	65	54	79	52	48	47	49
28	38	54	101	68	286	64	54	68	53	48	44	48
29	37	62	117	63	118	62	53	62	53	51	44	46
30	37	52	81	60	---	61	53	58	53	48	44	46
31	37	---	67	57	---	60	---	56	---	47	44	---
TOTAL	1271	1447	5302	2650	11444	3638	3365	3685	6550	1555	1456	2002
MEAN	41.0	48.2	171	85.5	395	117	112	119	218	50.2	47.0	66.7
MAX	44	105	1500	210	3420	774	467	710	2810	59	57	438
MIN	37	37	46	52	52	60	53	46	50	47	44	41
CFSM	.60	.71	2.50	1.25	5.78	1.71	1.64	1.74	3.19	.73	.69	.98
IN.	.69	.79	2.89	1.44	6.23	1.98	1.83	2.01	3.57	.85	.79	1.09
AC-FT	2520	2870	10520	5260	22700	7220	6670	7310	12990	3080	2890	3970

CAL YR 1983 TOTAL 42475 MEAN 116 MAX 2650 MIN 37 CFSM 1.70 IN. 23.13 AC-FT 84250
WTR YR 1984 TOTAL 44365 MEAN 121 MAX 3420 MIN 37 CFSM 1.77 IN. 24.16 AC-FT 88000

07381800 SPRING CREEK NEAR GLENMORA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.07	5.32	5.61	5.47	6.23	5.55	5.42	5.45	5.54	5.18	5.10
2	---	5.06	5.27	5.56	5.44	6.06	5.96	5.41	5.42	5.43	5.18	5.10
3	5.13	5.06	6.03	5.52	5.79	5.97	9.17	5.41	5.40	5.40	5.17	5.21
4	5.10	5.07	7.68	5.49	5.53	5.91	9.71	5.38	5.38	5.35	5.17	5.49
5	5.10	5.10	7.24	5.47	5.49	9.64	6.76	5.37	5.36	5.40	5.17	5.14
6	5.09	5.10	7.21	5.45	5.47	11.59	6.06	5.36	6.62	5.38	5.26	5.10
7	5.10	5.17	7.59	5.42	5.43	8.08	5.85	5.35	14.64	5.33	5.24	5.09
8	5.10	5.23	6.01	5.40	5.41	6.70	7.93	6.09	13.53	5.32	5.20	5.09
9	5.09	5.13	5.64	5.62	5.47	6.32	9.93	5.51	8.65	5.47	5.33	5.09
10	5.09	5.10	5.69	7.22	5.73	6.14	7.21	5.38	6.53	5.33	5.41	5.09
11	5.09	5.08	11.54	7.24	6.27	6.04	6.23	5.35	6.15	5.31	5.23	5.08
12	5.09	5.08	13.48	6.11	14.07	6.03	5.96	5.34	6.06	5.29	5.22	5.07
13	5.09	5.08	8.42	5.76	15.07	5.99	5.82	5.33	5.88	5.30	5.41	5.07
14	5.08	5.08	6.51	5.63	12.61	5.90	5.75	5.31	5.78	5.30	5.21	5.07
15	5.08	5.10	6.18	6.09	7.76	5.86	5.68	5.30	5.73	5.29	5.18	5.08
16	5.08	5.08	5.97	6.82	10.33	5.82	5.62	5.29	5.68	5.29	5.17	5.07
17	5.08	5.08	5.90	6.29	11.17	5.78	5.59	5.28	5.65	5.27	5.16	5.06
18	5.08	5.08	5.93	6.13	7.58	5.76	5.57	5.28	5.62	5.26	5.15	5.05
19	5.08	5.38	5.82	6.04	6.79	5.82	5.55	5.55	5.81	5.26	5.14	5.05
20	5.08	5.74	5.68	5.95	6.46	5.80	5.52	7.74	5.58	5.24	5.15	5.05
21	5.13	5.28	6.79	5.71	6.55	5.73	5.51	9.71	5.54	5.22	5.15	5.16
22	5.11	5.36	7.20	5.59	6.40	5.72	5.51	11.19	5.50	5.21	5.13	8.74
23	5.08	6.24	7.26	5.85	6.27	5.69	5.48	11.18	5.48	5.20	5.15	7.91
24	5.08	6.43	6.16	7.87	6.09	5.85	5.46	6.87	5.45	5.21	5.15	6.25
25	5.07	5.56	5.81	7.97	5.97	5.76	5.44	6.09	5.43	5.20	5.12	5.52
26	5.07	5.31	5.66	6.45	6.75	5.68	5.44	5.94	5.41	5.32	5.14	5.31
27	5.07	5.47	5.74	5.96	9.03	5.68	5.44	5.98	5.40	5.21	5.20	5.24
28	5.07	5.44	6.36	5.75	8.33	5.66	5.44	5.73	5.42	5.20	5.13	5.21
29	5.06	5.61	6.63	5.63	6.61	5.60	5.43	5.61	5.43	5.27	5.12	5.18
30	5.06	5.40	6.00	5.56	---	5.58	5.43	5.52	5.42	5.21	5.13	5.16
31	5.07	---	5.71	5.50	---	5.57	---	5.48	---	5.18	5.12	---
MAX	---	6.43	13.48	7.97	15.07	11.59	9.93	11.19	14.64	5.54	5.41	8.74
MIN	5.06	5.06	5.27	5.40	5.41	5.57	5.43	5.28	5.36	5.18	5.12	5.05

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA

LOCATION.--Lat 31°00'00", long 92°22'46", in NW1/4SW1/4 sec.4, T.1 S., R.1 E., Louisiana meridian, Evangeline Parish, Hydrologic Unit 08080102, near right bank on downstream side of bridge on U.S. Highway 167, 1,000 ft downstream from Cocodrie Lake dam, 1.0 mi downstream from Chicago, Rock Island and Pacific Railroad Co. bridge, 1.5 mi east of Clearwater, 4.0 mi south of Meeker, and 5.0 mi downstream from Hurricane Creek.

DRAINAGE AREA.--240 mi^2.

PERIOD OF RECORD.--May 1922 to January 1925 (published as "near Meeker"), October 1937 to current year. Monthly discharge only for October 1937 published in WSP 1311.

REVISED RECORDS.--WSP 1211: 1938, drainage area. WDR LA-75-1: 1974.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above mean Gulf level (levels by Corps of Engineers) and 39.57 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). See WSP 1731 for history of changes prior to Mar. 28, 1940. Since Jan. 23, 1945, auxiliary nonrecording gage 6.6 mi downstream from base gage at datum 35.10 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Slight regulation at low flow by Cocodrie Lake.

AVERAGE DISCHARGE.--49 years (water years 1923-24, 1938-84), 419 ft^3/s, 23.71 in/yr, 303,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 28,2[illegible]0 ft^3/s May 18, 1953, gage height, 26.72 ft; reverse flow Nov. 13-15, 1922, probably caused by heavy rains in basin below station; minimum discharge, 5.3 ft^3/s Nov. 8, 9, 1982, regulated.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,110 ft^3/s Feb. 14, gage height, 19.99 ft; minimum, 123 ft^3/s Nov. 13; minimum gage height, 5.96 ft, Sept. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	197	133	170	712	401	1460	493	145	434	879	174	146
2	184	131	169	686	371	1420	472	144	382	855	168	146
3	174	129	202	645	351	1380	556	143	344	828	163	147
4	165	129	235	591	336	1340	581	140	309	806	160	150
5	158	130	265	536	323	1320	599	143	281	788	158	147
6	153	130	337	488	305	1320	581	141	329	763	158	145
7	148	130	349	444	289	1310	535	139	940	736	157	146
8	144	129	357	407	273	1280	518	158	1850	706	156	146
9	143	129	354	395	265	1240	522	171	1970	675	155	146
10	142	128	352	556	276	1190	545	192	1870	632	155	143
11	141	127	464	683	295	1150	543	191	1760	585	155	142
12	141	126	579	722	516	1110	509	173	1660	527	157	141
13	140	125	720	714	1740	1080	468	161	1590	470	157	140
14	140	126	744	693	2070	1050	428	151	1520	422	155	139
15	139	127	728	696	2080	1030	390	144	1460	386	156	137
16	139	128	706	703	2060	1000	356	139	1420	347	154	137
17	139	127	682	714	2000	979	327	138	1380	313	155	135
18	139	127	640	719	1920	954	299	137	1350	291	154	133
19	139	132	584	714	1800	931	278	155	1320	302	153	132
20	138	141	530	706	1710	907	258	275	1270	279	157	130
21	140	132	538	688	1640	882	240	383	1230	265	154	128
22	140	135	707	657	1570	856	230	550	1180	246	151	132
23	137	159	764	621	1520	830	209	662	1130	203	151	154
24	134	151	784	598	1470	808	203	710	1080	186	151	400
25	135	146	772	590	1420	784	192	703	1040	175	149	587
26	133	147	751	597	1400	760	180	671	1010	170	150	623
27	134	165	737	584	1500	735	165	649	982	165	152	588
28	134	169	748	550	1530	708	158	635	956	160	160	531
29	133	163	752	511	1500	667	152	603	931	159	153	477
30	132	163	749	471	---	610	148	544	906	172	148	429
31	133	---	733	434	---	550	---	489	---	177	147	---
TOTAL	4488	4114	17202	18825	32931	31641	11135	9779	33884	13668	4823	6877
MEAN	145	137	555	607	1136	1021	371	315	1129	441	156	229
MAX	197	169	784	722	2080	1460	599	710	1970	879	174	623
MIN	132	125	169	395	265	550	148	137	281	159	147	128
CFSM	.60	.57	2.31	2.53	4.73	4.25	1.55	1.31	4.70	1.84	.65	.95
IN.	.70	.64	2.67	2.92	5.10	4.90	1.73	1.52	5.25	2.12	.75	1.07
AC-FT	8900	8160	34120	37340	65320	62760	22090	19400	67210	27110	9570	13640

CAL YR 1983 TOTAL 223816 MEAN 613 MAX 3650 MIN 99 CFSM 2.55 IN. 34.69 AC-FT 443900
WTR YR 1984 TOTAL 189367 MEAN 517 MAX 2080 MIN 125 CFSM 2.15 IN. 29.35 AC-FT 375600

07382000 BAYOU COCODRIE NEAR CLEARWATER, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.29	6.30	6.88	13.02	9.85	18.25	10.86	6.50	10.22	14.52	6.71	6.27
2	7.09	6.28	6.88	12.77	9.50	18.03	10.63	6.48	9.63	14.31	6.61	6.28
3	6.94	6.24	7.35	12.38	9.28	17.80	11.51	6.47	9.19	14.07	6.54	6.29
4	6.81	6.23	7.82	11.86	9.09	17.57	11.75	6.41	8.77	13.88	6.49	6.34
5	6.71	6.25	8.21	11.30	8.94	17.46	11.94	6.46	8.42	13.71	6.46	6.29
6	6.62	6.25	9.11	10.80	8.71	17.46	11.75	6.43	8.94	13.49	6.46	6.26
7	6.54	6.26	9.26	10.33	8.52	17.41	11.29	6.40	16.60	13.24	6.45	6.27
8	6.49	6.24	9.35	9.92	8.31	17.25	11.11	6.70	19.50	12.97	6.43	6.28
9	6.47	6.23	9.31	9.78	8.21	17.02	11.16	6.89	19.74	12.68	6.42	6.27
10	6.45	6.21	9.29	11.50	8.36	16.79	11.39	7.21	19.56	12.26	6.41	6.23
11	6.43	6.20	10.54	12.75	8.59	16.56	11.37	7.20	19.30	11.80	6.41	6.21
12	6.43	6.20	11.74	13.11	14.09	16.35	11.02	6.92	19.04	11.21	6.44	6.19
13	6.42	6.17	13.09	13.04	19.15	16.17	10.59	6.75	18.78	10.60	6.44	6.17
14	6.41	6.20	13.32	12.84	19.91	15.98	10.16	6.59	18.52	10.07	6.42	6.16
15	6.40	6.21	13.17	12.87	19.94	15.80	9.73	6.48	18.28	9.65	6.42	6.12
16	6.40	6.21	12.97	12.93	19.89	15.60	9.34	6.40	18.04	9.18	6.39	6.13
17	6.39	6.21	12.73	13.03	19.79	15.39	8.99	6.39	17.82	8.75	6.41	6.09
18	6.40	6.20	12.34	13.09	19.64	15.17	8.64	6.37	17.64	8.45	6.39	6.07
19	6.39	6.28	11.79	13.04	19.41	14.97	8.38	6.64	17.46	8.58	6.38	6.04
20	6.39	6.43	11.25	12.96	19.17	14.76	8.12	8.33	17.22	8.27	6.44	6.01
21	6.41	6.29	11.31	12.79	18.95	14.54	7.89	9.64	16.96	8.07	6.40	5.98
22	6.42	6.33	12.97	12.50	18.73	14.31	7.74	11.44	16.69	7.79	6.35	6.05
23	6.37	6.72	13.50	12.16	18.51	14.09	7.56	12.54	16.44	7.15	6.36	6.39
24	6.32	6.60	13.67	11.93	18.29	13.90	7.36	13.00	16.18	6.89	6.36	9.69
25	6.34	6.51	13.57	11.85	18.05	13.68	7.21	12.93	15.92	6.72	6.32	11.81
26	6.31	6.52	13.38	11.92	17.95	13.45	7.03	12.63	15.66	6.65	6.34	12.17
27	6.32	6.81	13.25	11.78	18.42	13.23	6.81	12.42	15.41	6.57	6.36	11.82
28	6.32	6.87	13.35	11.45	18.56	12.98	6.70	12.29	15.18	6.49	6.50	11.21
29	6.31	6.78	13.39	11.04	18.45	12.60	6.61	11.98	14.96	6.48	6.38	10.62
30	6.29	6.77	13.36	10.63	---	12.03	6.55	11.38	14.75	6.67	6.31	10.07
31	6.31	---	13.21	10.23	---	11.45	---	10.82	---	6.76	6.29	---
MAX	7.29	6.87	13.67	13.11	19.94	18.25	11.94	13.00	19.74	14.52	6.71	12.17
MIN	6.29	6.17	6.88	9.78	8.21	11.45	6.55	6.37	8.42	6.48	6.29	5.98

07382495 BAYOU COURTABLEAU NEAR WASHINGTON, LA

LOCATION.--Lat 30°38'53", long 92°03'40", in NW1/4 lot 7, T.5 S., R.4 E., Louisiana meridian, St. Landry Parish, Hydrologic Unit 08080102, on left bank, 0.3 mi downstream from confluence of Bayous Cocodrie and Boeuf, 2.0 mi northwest of Washington, and 3.4 mi upstream from gaging station Bayou Courtableau at Washington (station 07382500).

DRAINAGE AREA.--701 mi^2. See REMARKS.

PERIOD OF RECORD.--October 1975 to current year (gage heights only). Unpublished records, July 1946 to September 1975, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is at mean low Gulf level (Corps of Engineers bench mark). Prior to Feb. 28, 1949, nonrecording gage 0.3 mi upstream at same datum.

REMARKS.--Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 mi^2 in Bayou Rapides basin into Bayou Boeuf when stage of Red River makes it necessary to close gates at mouth of Bayou Rapides. In extreme floods, considerable flow bypasses the station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 33.04 ft Jan. 11, 1983; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1946, 38.65 ft May 19, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 29.74 ft June 16; minimum, 14.34 ft Oct. 3.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.58	15.72	18.13	19.75	18.19	27.10	17.93	17.32	18.56	19.81	17.95	17.86
2	14.94	15.81	17.11	19.23	17.38	26.67	17.62	17.31	18.34	20.14	17.92	17.84
3	14.44	15.87	16.98	18.80	17.60	26.00	18.36	17.38	18.19	19.14	17.97	17.82
4	14.80	15.95	20.13	18.47	18.32	25.13	21.10	17.46	18.06	18.80	18.21	17.88
5	15.25	16.10	20.98	18.60	18.36	24.38	21.65	17.44	17.95	19.03	18.11	17.87
6	15.58	16.20	20.27	18.59	18.08	24.64	21.19	17.38	17.98	19.04	17.62	17.91
7	15.81	16.23	19.75	18.18	16.97	24.84	20.48	17.32	24.39	18.89	17.44	17.86
8	15.83	16.41	19.04	17.68	16.71	24.72	19.72	17.46	26.79	18.74	17.41	17.83
9	15.77	16.80	18.05	17.41	17.12	24.20	20.25	17.60	27.54	18.69	17.50	17.81
10	15.72	16.22	17.82	21.85	17.60	23.27	21.23	17.72	28.12	18.63	17.61	17.78
11	15.69	15.58	27.09	24.10	18.10	22.06	21.13	17.79	28.53	18.58	17.73	17.71
12	15.70	15.60	28.77	23.69	21.36	21.16	20.26	17.75	28.78	18.50	17.95	17.69
13	15.69	15.70	29.19	22.36	26.58	21.01	19.37	17.68	28.94	18.29	18.12	17.64
14	15.68	15.75	29.23	20.81	27.27	21.08	18.64	17.60	29.05	17.99	18.09	17.59
15	15.59	15.83	28.96	21.90	27.62	20.84	18.04	17.57	29.09	17.94	18.10	17.58
16	15.52	15.87	28.48	23.75	27.81	20.46	17.50	17.57	29.48	18.08	18.06	17.56
17	15.48	15.89	27.80	23.46	27.91	19.97	17.65	17.50	29.69	17.96	17.96	17.54
18	15.43	15.90	26.84	23.37	27.99	19.60	17.83	17.41	29.45	17.70	17.83	17.57
19	15.40	16.00	25.49	23.35	28.07	19.36	17.54	17.31	29.06	17.68	17.69	17.77
20	15.39	17.51	23.78	22.25	28.12	19.87	17.11	18.18	28.56	17.68	17.53	17.88
21	15.64	17.85	21.91	20.80	28.14	20.04	17.21	20.29	27.89	17.60	17.46	17.90
22	18.18	16.48	21.95	19.59	28.08	19.88	17.30	21.11	26.98	17.60	17.57	18.04
23	16.67	17.09	22.23	18.89	27.94	19.65	17.53	21.69	25.76	17.85	17.64	18.26
24	15.54	19.21	21.30	19.50	27.65	20.32	17.60	21.17	24.48	18.88	17.83	20.75
25	15.92	19.18	20.32	20.62	27.16	20.77	17.55	20.60	23.31	17.84	17.85	20.68
26	16.19	18.06	19.53	20.46	26.60	20.15	17.51	20.24	21.59	17.25	17.82	19.65
27	15.86	19.14	19.21	20.16	26.89	19.41	17.47	21.12	20.29	16.72	17.81	19.23
28	15.13	22.86	21.05	19.58	27.14	18.70	17.47	20.73	19.80	16.88	17.83	18.89
29	15.10	21.68	22.24	18.90	27.24	18.53	17.40	20.14	19.32	17.87	17.86	18.54
30	15.37	19.73	21.64	18.43	---	18.46	17.35	19.46	19.14	18.01	17.88	18.16
31	15.58	---	20.57	18.35	---	18.29	---	18.88	---	18.02	17.92	---
MAX	18.18	22.86	29.23	24.10	28.14	27.10	21.65	21.69	29.69	20.14	18.21	20.75
MIN	14.44	15.58	16.98	17.41	16.71	18.29	17.11	17.31	17.95	16.72	17.41	17.54

07382500 BAYOU COURTABLEAU AT WASHINGTON, LA

LOCATION.--Lat 30°37'05", long 92°03'20", in SW1/4NW1/4 lot 81, T.5 S., R.4 E., Louisiana meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 10 at Washington, 0.2 mi upstream from Southern Pacific Transportation Co. bridge, 1.2 mi upstream from Bayou Carron, 3.5 mi downstream from confluence of Bayou Cocodrie and Bayou Boeuf, and 6.0 mi north of Opelousas.

DRAINAGE AREA.--715 mi^2. See REMARKS.

PERIOD OF RECORD.--July 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Aug. 23, 1948, nonrecording gage at same site and datum. Water-stage recorder for Bayou Courtableau near Washington (station 07382495) used as auxiliary gage for this station since Feb. 28, 1949. Prior to Feb. 28, 1949, auxiliary nonrecording gage 3.5 mi upstream from base at same datum.

REMARKS.--Records good except for those periods of of no gage-height record, July 24 to Aug. 29, which are fair. Some flow diverted from Bayou Boeuf into Chatlin Lake Canal through Bayou Lamourie. Since April 1952, floodflow is diverted from 76.1 mi^2 in Bayou Rapides basin into Bayou Boeuf when stage of Red River makes it necessary to close gates at mouth of Bayou Rapides. In extreme floods, considerable flow bypasses the station.

AVERAGE DISCHARGE.--38 years, 1,074 ft^3/s, 778,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,490 ft^3/s May 21, 1953; maximum elevation, 35.29 ft May 22, 1953; minimum discharge, 70 ft^3/s Oct. 19, 1973; minimum elevation, 10.72 ft Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,560 ft^3/s Feb. 22; maximum elevation, 27.95 ft Dec. 13, minimum daily discharge, 162 ft^3/s May 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	367	250	934	1460	794	4060	694	207	674	1250	316	341
2	333	250	727	1290	702	3960	634	191	564	789	305	326
3	291	251	734	1170	779	3720	962	199	493	839	302	318
4	241	257	1630	1060	869	3400	1860	230	436	874	296	334
5	236	273	1760	959	755	3100	1950	245	387	894	293	327
6	258	278	1640	911	678	3170	1800	249	475	822	298	345
7	263	309	1560	830	590	3250	1550	243	3400	764	296	354
8	253	369	1300	743	521	3210	1290	280	3790	745	300	353
9	241	487	966	727	685	3000	1540	315	4030	725	304	343
10	236	427	762	2150	750	2640	1810	298	4340	677	304	338
11	241	294	3100	2830	771	2400	1750	285	4600	637	304	314
12	242	239	3450	2620	1890	2200	1400	260	4770	559	314	308
13	240	238	3730	2200	3600	2000	993	233	4860	481	314	302
14	248	234	3980	1760	3710	1800	710	217	4900	486	316	290
15	226	232	4070	2220	3890	1710	554	198	4910	519	318	294
16	219	233	4070	2660	4120	1600	432	192	4950	452	321	299
17	226	234	3920	2440	4270	1500	355	184	4710	384	323	297
18	220	231	3640	2430	4350	1440	325	173	4660	344	321	285
19	220	241	3200	2410	4420	1320	297	162	4520	319	326	269
20	220	605	2600	2090	4460	1300	261	324	4310	321	334	295
21	330	655	1970	1750	4500	1330	235	1250	4080	297	335	306
22	517	479	2270	1480	4540	1280	210	1500	3690	265	328	340
23	531	552	2240	1220	4510	1200	268	1820	3180	343	328	384
24	351	1210	1950	1270	4400	1280	254	1720	2790	320	336	874
25	278	1190	1630	1740	4220	1400	220	1580	2150	302	331	1710
26	277	915	1360	1800	3960	1270	207	1420	1580	293	334	1440
27	290	1110	1230	1530	3850	1160	206	1690	1230	289	345	924
28	252	2150	1850	1280	3930	987	219	1580	1100	281	372	820
29	218	1810	2170	1080	4020	890	211	1340	1000	284	356	740
30	242	1300	1980	956	---	855	214	1080	1150	307	324	720
31	246	---	1690	858	---	791	---	821	---	318	341	---
TOTAL	8553	17303	68113	49924	80534	63223	23411	20486	87729	16180	9935	14590
MEAN	276	577	2197	1610	2777	2039	780	661	2924	522	320	486
MAX	531	2150	4070	2830	4540	4060	1950	1820	4950	1250	372	1710
MIN	218	231	727	727	521	791	206	162	387	265	293	269
AC-FT	16960	34320	135100	99020	159700	125400	46440	40630	174000	32090	19710	28940

CAL YR 1983 TOTAL 668859 MEAN 1832 MAX 6260 MIN 189 AC-FT 1327000
WTR YR 1984 TOTAL 459981 MEAN 1257 MAX 4950 MIN 162 AC-FT 912400

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07382500 BAYOU COURTABLEAU AT WASHINGTON, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.79	16.10	17.77	18.94	18.10	24.67	17.96	17.77	18.67	19.78	---	18.28
2	15.15	16.20	16.88	18.53	17.26	24.19	17.68	17.78	18.54	19.70	---	18.26
3	14.69	16.27	16.71	18.18	17.39	23.61	18.04	17.85	18.45	18.32	---	18.25
4	15.15	16.34	19.10	17.98	18.13	22.88	19.99	17.91	18.36	18.82	---	18.30
5	15.71	16.48	20.01	18.32	18.37	22.33	20.55	17.88	18.30	18.95	---	18.30
6	15.96	16.58	19.28	18.40	18.15	22.64	20.20	17.82	18.29	18.87	---	18.32
7	16.19	16.58	18.74	18.03	16.97	22.78	19.72	17.76	22.52	18.75	---	18.27
8	16.22	16.69	18.27	17.56	16.78	22.65	19.20	17.89	24.78	18.67	---	18.24
9	16.17	16.95	17.60	17.25	16.98	22.22	19.44	18.01	25.49	18.65	---	18.23
10	16.12	16.40	17.67	20.50	17.45	21.55	20.25	18.14	25.82	18.63	---	18.20
11	16.09	15.90	26.01	22.41	18.13	---	20.21	18.21	26.01	18.62	---	18.15
12	16.09	15.99	27.70	22.20	20.40	---	19.58	18.17	26.09	18.48	---	18.12
13	16.08	16.10	27.93	21.05	24.67	---	19.05	18.11	26.17	18.21	---	18.09
14	16.07	16.16	27.74	19.28	25.48	20.07	18.50	18.03	26.25	18.12	---	18.04
15	16.00	16.24	27.28	20.43	25.70	19.91	17.97	18.01	26.27	18.25	---	18.02
16	15.93	16.28	26.67	22.20	25.64	19.60	17.59	17.99	27.01	18.21	---	18.00
17	15.89	16.30	25.92	21.66	25.53	19.15	17.90	17.94	27.34	18.00	---	17.98
18	15.84	16.31	24.97	22.07	25.53	18.77	18.13	17.86	26.99	18.04	---	17.98
19	15.81	16.41	23.79	22.09	25.55	18.66	17.86	17.77	26.60	18.05	---	18.15
20	15.80	17.60	22.37	21.11	25.55	19.36	17.46	18.50	26.06	18.04	---	18.29
21	16.08	17.91	20.87	19.78	25.52	19.53	17.60	19.97	25.36	17.99	---	18.34
22	18.44	16.60	20.57	18.67	25.35	19.43	17.73	20.61	24.42	18.02	---	18.39
23	16.73	17.19	20.80	18.19	25.19	19.27	17.90	20.83	23.33	18.17	---	18.48
24	15.77	18.67	20.09	18.94	24.93	19.97	17.99	20.31	22.31	---	---	19.37
25	16.29	18.66	19.37	19.55	24.51	20.35	17.98	19.83	21.36	---	---	20.27
26	16.57	17.71	18.82	19.24	24.11	19.77	17.95	19.63	20.10	---	---	19.46
27	16.21	18.78	18.62	19.34	24.74	19.04	17.91	20.31	19.58	---	---	19.16
28	15.48	21.88	19.94	19.04	24.95	18.40	17.90	20.00	19.27	---	---	---
29	15.49	20.83	20.95	18.51	24.94	18.36	17.84	19.62	18.73	---	---	---
30	15.75	19.18	20.49	18.11	---	18.34	17.79	19.19	18.95	---	18.34	---
31	15.96	---	19.59	18.19	---	18.23	---	18.85	---	---	18.34	---
MAX	18.44	21.88	27.93	22.41	25.70	24.67	20.55	20.83	27.34	19.78	---	20.27
MIN	14.69	15.90	16.71	17.25	16.78	18.23	17.46	17.76	18.29	---	---	17.98

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA

LOCATION.--Lat 31°01'59", long 91°58'57", in NE1/4 sec. 29, T.1 N., R.5 E., Avoyelles Parish, Hydrologic Unit 08080102, near left bank on downstream side of bridge on State Highway 114 at Moreauville, and 150 ft downstream from point of diversion from Bayou des Glaises.

DRAINAGE AREA.--270 mi^2. See REMARKS.

PERIOD OF RECORD.--July 1943 to current year.

REVISED RECORDS.--WDR LA-77-1: 1973-76.

GAGE.--Water-stage recorder. Datum of gage is 23.46 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works). Prior to Oct. 13, 1950, nonrecording gage at same site. Prior to Sept. 30, 1961, at datum 4.84 ft higher. Water-stage recorder for Bayou des Glaises diversion channel near Moreauville (station 07383510) used as auxiliary gage for this station since Apr. 17, 1972.

REMARKS.--Records good, except those for period of indefinite stage-discharge relation, Dec. 25-31, which are fair. Diversion channel carries natural flow of Bayou des Glaises except when operation of floodgates, 12 mi downstream from point of diversion, regulates flow into or out of bayou depending on stage in Red River and Old River overflow area. Flow includes diversion from Bayou Boeuf into Chatlin Lake Canal and is occasionally affected by diversion into or out of Red River and Old River overflow area. Channel discharges into West Protection Levee borrow pit channel, 6.0 mi downstream.

AVERAGE DISCHARGE.--41 years, 429 ft^3/s, 310,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,340 ft^3/s May 18, 1953, gage height, 22.68 ft, present datum; minimum, 2.7 ft^3/s Oct. 13, 14, 15, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,000 ft^3/s Feb. 12, gage height, 17.35 ft; minimum discharge, 33 ft^3/s Sept. 16, 21, 22, gage height, 2.54 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	57	323	692	121	1530	93	108	225	815	118	65
2	60	57	227	491	116	1480	95	147	175	535	105	62
3	58	56	348	330	116	1410	352	137	156	336	92	56
4	58	57	837	242	247	1330	734	120	133	256	86	55
5	60	60	752	190	284	1270	825	97	97	217	72	54
6	62	66	705	158	214	1250	817	98	110	202	101	50
7	68	70	696	137	151	1240	754	82	1440	193	172	46
8	71	89	667	122	120	1210	617	81	1500	176	241	42
9	70	133	551	122	111	1150	582	179	1450	249	181	40
10	66	115	374	825	128	1070	575	223	1450	393	121	39
11	62	87	887	906	248	982	477	148	1450	319	135	38
12	58	65	968	877	1560	898	355	99	1480	209	186	38
13	56	50	909	867	1850	949	240	76	1510	146	182	38
14	53	51	900	826	1430	801	163	65	1520	113	255	37
15	51	51	840	962	1470	610	128	72	1520	114	244	35
16	51	49	752	946	1620	383	162	77	1510	103	164	34
17	51	49	613	873	1590	268	184	115	1470	96	122	38
18	50	50	441	902	1590	205	136	120	1380	88	106	42
19	52	67	320	873	1600	180	104	77	1280	79	85	39
20	54	228	234	806	1600	165	99	236	1170	79	83	37
21	60	359	293	714	1600	152	100	625	1060	71	82	34
22	99	301	1110	523	1570	146	86	783	952	71	85	37
23	88	376	958	351	1530	132	72	707	852	66	81	47
24	75	632	913	390	1470	129	84	637	739	58	72	245
25	71	535	840	608	1390	126	84	469	540	49	71	540
26	63	422	780	613	1380	135	69	349	321	49	79	491
27	59	628	750	518	1790	131	51	657	204	54	72	359
28	57	837	820	375	1670	126	48	643	155	76	66	209
29	57	592	800	262	1580	117	64	556	149	90	65	113
30	57	455	780	189	---	110	83	414	572	111	65	73
31	58	---	740	142	---	101	---	302	---	96	68	---
TOTAL	1922	6644	21128	16832	30146	19786	8233	8499	26570	5509	3657	3033
MEAN	62.0	221	682	543	1040	638	274	274	886	178	118	101
MAX	99	837	1110	962	1850	1530	825	783	1520	815	255	540
MIN	50	49	227	122	111	101	48	65	97	49	65	34
AC-FT	3810	13180	41910	33390	59790	39250	16330	16860	52700	10930	7250	6020

CAL YR 1983 TOTAL 230922 MEAN 633 MAX 2580 MIN 21 AC-FT 458000
WTR YR 1984 TOTAL 151959 MEAN 415 MAX 1850 MIN 34 AC-FT 301400

07383500 BAYOU DES GLAISES DIVERSION CHANNEL AT MOREAUVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.06	2.99	5.56	7.95	3.67	11.86	3.37	3.53	4.63	9.88	3.45	2.92
2	2.98	2.99	4.74	6.72	3.61	11.65	3.39	3.92	4.19	7.38	3.32	2.88
3	2.94	2.98	5.64	5.52	3.61	11.36	5.52	3.82	4.01	5.52	3.17	2.80
4	2.95	3.00	8.82	4.78	4.83	11.07	8.19	3.66	3.79	4.83	3.11	2.80
5	2.98	3.05	8.37	4.32	5.14	10.79	8.67	3.41	3.40	4.47	2.95	2.80
6	3.00	3.12	8.12	4.03	4.54	10.72	8.63	3.42	3.59	4.32	3.27	2.74
7	3.07	3.18	8.07	3.83	3.96	10.66	8.29	3.24	15.01	4.22	3.96	2.69
8	3.11	3.40	7.90	3.68	3.66	10.55	7.52	3.23	14.53	4.06	4.60	2.64
9	3.09	3.88	7.21	3.68	3.56	10.27	7.32	4.21	12.31	4.67	4.06	2.61
10	3.05	3.69	5.95	8.67	3.74	9.90	7.27	4.61	11.56	5.84	3.49	2.60
11	3.00	3.39	9.75	9.09	4.84	9.47	6.63	3.93	11.53	5.25	3.63	2.60
12	2.95	3.12	9.65	8.94	11.96	9.05	5.72	3.43	11.65	4.31	4.12	2.60
13	2.92	2.94	9.17	8.89	16.38	9.30	4.76	3.17	11.76	3.74	4.08	2.60
14	2.88	2.96	9.13	8.68	13.58	8.55	4.08	3.03	11.82	3.40	4.74	2.58
15	2.87	2.95	8.81	9.37	12.04	7.47	3.74	3.12	11.81	3.42	4.64	2.56
16	2.86	2.93	8.33	9.29	12.22	5.94	4.06	3.19	11.78	3.30	3.92	2.55
17	2.86	2.93	7.53	8.92	12.10	5.01	4.27	3.60	11.63	3.22	3.52	2.61
18	2.85	2.94	6.40	9.07	12.07	4.45	3.82	3.66	11.27	3.14	3.35	2.66
19	2.87	3.13	5.46	8.92	12.12	4.23	3.49	3.19	10.84	3.03	3.13	2.62
20	2.90	4.75	4.74	8.57	12.14	4.09	3.43	4.65	10.36	3.03	3.10	2.60
21	2.97	5.85	5.09	8.08	12.11	3.97	3.44	7.60	9.84	2.93	3.09	2.55
22	3.43	5.37	10.09	6.95	12.02	3.91	3.28	8.68	9.32	2.93	3.14	2.60
23	3.31	5.89	9.35	5.69	11.87	3.78	3.13	8.04	8.81	2.87	3.09	2.74
24	3.17	7.70	9.12	6.00	11.62	3.74	3.27	7.64	8.21	2.77	2.99	4.67
25	3.13	7.12	8.96	7.47	11.28	3.71	3.27	6.56	7.03	2.66	2.98	7.00
26	3.04	6.32	8.63	7.50	11.39	3.81	3.08	5.66	5.45	2.65	3.07	6.67
27	2.98	7.55	8.21	6.92	13.55	3.77	2.86	7.75	4.45	2.72	3.00	5.69
28	2.97	8.86	9.53	5.88	12.45	3.71	2.83	7.68	4.00	2.99	2.92	4.43
29	2.97	7.46	9.08	4.96	12.04	3.62	3.02	7.15	3.94	3.14	2.90	3.52
30	2.98	6.56	8.78	4.31	---	3.55	3.25	6.17	7.37	3.31	2.92	3.13
31	2.99	---	8.49	3.88	---	3.45	---	5.29	---	3.22	2.95	---
MAX	3.43	8.86	10.09	9.37	16.38	11.86	8.67	8.68	15.01	9.88	4.74	7.00
MIN	2.85	2.93	4.74	3.68	3.56	3.45	2.83	3.03	3.40	2.65	2.90	2.55

07383510 BAYOU DES GLAISES DIVERSION CHANNEL NEAR MOREAUVILLE, LA

LOCATION.--Lat 30°59'59", long 91°58'57", in NW1/4SE1/4 sec.4, T.1 S., R.5 E., Avoyelles Parish, Hydrologic Unit 08080102, near left bank on downstream side of bridge on unnumbered parish road, 2.5 mi south of Moreauville, and 2.5 mi downstream from gaging station Bayou des Glaises diversion channel at Moreauville (station 07383500).

DRAINAGE AREA.--284 mi^2.

PERIOD OF RECORD.--April 1972 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 21.18 ft National Geodetic Vertical Datum of 1929.

REMARKS.--No gage-height record Jan. 5 to Feb. 13.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.76 ft Apr. 21, 1977; minimum gage height, 2.13 ft July 11, 1982, but may have been less during the periods of no gage height record.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.51 ft June 7; minimum gage height, 2.32 ft Sept. 21, 22, but may have been less during period of no gage-height record.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.77	2.69	5.08	7.11	---	10.89	3.02	3.28	4.31	11.01	3.23	2.69
2	2.66	2.68	4.39	6.09	---	10.65	3.06	3.66	3.92	8.12	3.13	2.65
3	2.54	2.68	5.49	5.07	---	10.45	4.80	3.72	3.75	5.45	3.01	2.61
4	2.56	2.70	8.56	4.46	---	10.29	7.10	3.44	3.54	4.62	2.91	2.61
5	2.58	2.72	7.67	---	---	10.15	7.58	3.15	3.18	4.24	2.76	2.77
6	2.64	2.77	7.26	---	---	9.91	7.56	3.12	3.55	4.06	3.05	---
7	2.71	2.88	7.13	---	---	9.72	7.30	2.99	16.33	3.96	3.69	---
8	2.82	3.05	6.98	---	---	9.59	6.67	3.26	15.65	3.79	4.40	---
9	2.78	3.54	6.41	---	---	9.33	6.40	3.90	12.68	4.29	3.91	---
10	2.76	3.41	5.42	---	---	8.98	6.41	4.27	11.20	5.41	3.33	---
11	2.68	3.05	10.44	---	---	8.59	5.89	3.68	10.83	4.98	3.40	---
12	2.63	2.81	9.76	---	---	8.20	5.15	3.19	10.77	4.09	3.87	---
13	2.60	2.64	8.71	---	---	8.68	4.39	2.94	10.78	3.62	3.86	---
14	2.56	2.65	8.52	---	14.57	7.89	3.81	2.76	10.80	3.46	4.40	---
15	2.54	2.64	8.04	---	12.17	6.89	3.50	2.82	10.77	3.42	4.38	---
16	2.55	2.62	7.50	---	11.87	5.52	3.71	2.91	10.83	3.10	3.74	---
17	2.54	2.61	6.79	---	11.44	4.68	3.95	3.28	10.73	2.99	3.39	---
18	2.54	2.62	5.80	---	11.18	4.14	3.58	3.38	10.34	2.91	3.19	---
19	2.53	2.75	4.99	---	11.14	3.98	3.28	2.94	9.99	2.80	2.90	2.38
20	2.58	4.33	4.39	---	11.11	3.91	3.20	4.12	9.47	2.80	2.87	2.36
21	2.65	5.17	4.60	---	11.06	3.63	3.26	7.04	8.92	2.71	2.86	2.33
22	3.06	4.82	9.69	---	10.95	3.55	3.12	8.98	8.41	2.70	3.00	2.36
23	3.04	5.17	8.70	---	10.80	3.43	2.93	7.48	7.94	2.68	2.91	2.46
24	2.87	6.91	8.17	---	10.58	3.43	3.02	6.93	7.40	2.62	2.79	4.14
25	2.81	6.35	7.94	---	10.26	3.38	3.09	5.99	6.37	2.50	2.73	6.33
26	2.73	5.64	7.62	---	10.71	3.42	2.95	5.28	5.04	2.49	2.82	6.12
27	2.68	7.48	7.44	---	13.63	3.40	2.68	7.41	4.15	2.61	2.77	5.34
28	2.67	8.88	9.88	---	12.01	3.34	2.62	7.02	3.72	2.81	2.69	4.29
29	2.67	6.95	8.62	---	11.22	3.26	2.79	6.58	3.68	2.90	2.77	3.42
30	2.68	5.93	7.93	---	---	3.18	3.10	5.65	7.78	3.19	2.79	2.98
31	2.68	---	7.58	---	---	3.14	---	4.88	---	3.00	2.73	---
MAX	3.06	8.88	10.44	---	14.57	10.89	7.58	8.98	16.33	11.01	4.40	6.33
MIN	2.53	2.61	4.39	---	---	3.14	2.62	2.76	3.18	2.49	2.69	2.33

07384400 STATE CANAL NEAR KROTZ SPRINGS, LA

LOCATION.--Lat 30°33'55", long 91°49'55", in SW1/4NW1/4 sec.2, T.6 S., R.6 E., St. Landry Parish, Hydrologic Unit 08080101, on downstream side of bridge on U.S. Highway 71, 1.7 mi upstream from Slow Bayou, 2.0 mi northwest of the junction of U.S. Highways 71 and 190, and 5.0 mi northwest of town of Krotz Springs.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Annual peaks, water years 1960-67, October 1967 to current year (gage heights above 9.9 ft only).

GAGE.--Water-stage recorder. Datum of gage is 2.55 ft National Geodetic Vertical Datum of 1929. Crest-stage gage prior to 1967 at datum 2.55 ft lower.

REMARKS.--No gage heights recorded below 9.99 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.64 ft May 27, 1973; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.47 ft Dec. 13; minimum, 10.81 ft Oct. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATION AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.75	11.79	14.89	15.08	13.76	16.32	13.64	14.95	15.78	14.41	11.68	12.51
2	11.66	11.70	14.72	14.92	13.62	16.22	13.47	14.95	15.75	14.37	11.67	12.53
3	11.56	11.60	14.42	14.75	13.58	16.01	13.52	14.96	15.71	14.49	11.63	12.52
4	11.44	11.52	14.34	14.59	13.54	15.78	13.56	14.91	15.66	14.34	11.61	12.65
5	11.36	11.50	14.33	14.36	13.54	15.60	13.57	14.88	15.64	14.16	11.60	12.59
6	11.27	11.43	14.44	14.16	13.50	15.51	13.64	14.87	15.59	13.95	11.58	12.53
7	11.19	11.42	14.36	14.01	13.46	15.34	13.70	14.84	15.58	13.72	11.58	12.46
8	11.12	11.37	14.17	13.86	13.36	15.21	13.84	14.86	15.85	13.49	11.57	12.37
9	11.06	11.33	13.96	13.71	13.23	15.07	13.92	14.86	16.04	13.30	11.63	12.28
10	11.01	11.29	13.74	14.50	13.38	14.92	13.95	14.85	16.00	13.11	11.65	12.19
11	10.96	11.24	16.51	14.94	13.43	14.77	14.04	14.85	16.29	13.01	11.67	12.10
12	10.96	11.16	17.23	15.08	13.50	14.64	14.17	14.85	16.36	12.92	11.72	12.01
13	10.95	11.12	17.44	15.09	15.31	14.51	14.25	14.86	16.40	12.81	11.74	11.92
14	10.94	11.09	17.46	14.98	16.15	14.42	14.33	14.88	16.43	12.73	11.77	11.83
15	10.93	11.11	17.41	14.96	16.36	14.36	14.39	14.89	16.45	12.71	11.83	11.75
16	10.92	11.08	17.35	15.16	16.53	14.30	14.45	14.92	16.54	12.69	11.96	11.67
17	10.91	11.05	17.26	15.34	16.60	14.22	14.51	14.93	16.58	12.70	12.07	11.58
18	10.87	11.03	17.15	15.67	16.60	14.15	14.55	14.96	16.54	12.65	12.13	11.52
19	10.84	11.01	17.00	15.88	16.55	14.07	14.61	14.99	16.49	12.58	12.12	11.47
20	10.81	11.32	16.81	15.91	16.44	14.37	14.66	15.12	16.47	12.47	12.06	11.40
21	10.82	11.39	16.60	15.85	16.32	14.29	14.71	15.27	16.37	12.37	12.03	11.36
22	11.23	11.65	16.34	15.69	16.17	14.15	14.74	15.41	16.24	12.26	11.94	11.33
23	11.95	11.96	16.09	15.49	15.99	13.98	14.77	15.58	16.08	12.24	11.87	11.32
24	12.58	12.53	15.85	15.24	15.81	13.99	14.81	15.67	15.89	12.17	11.96	11.34
25	12.59	13.08	15.57	15.08	15.62	15.15	14.84	15.73	15.68	12.10	11.93	11.33
26	12.52	13.35	15.32	14.90	15.41	15.22	14.87	15.75	15.40	12.06	11.92	11.48
27	12.41	13.45	15.16	14.70	15.92	15.09	14.90	15.78	15.10	11.99	11.97	11.61
28	12.26	14.20	15.27	14.50	16.26	14.83	14.93	15.82	14.90	11.89	12.04	11.54
29	12.12	14.71	15.31	14.31	16.34	14.55	14.97	15.82	14.70	11.82	12.15	11.48
30	11.99	14.90	15.29	14.14	---	14.19	14.95	15.82	14.49	11.77	12.24	11.40
31	11.87	---	15.21	13.94	---	13.88	---	15.81	---	11.72	12.45	---
MAX	12.59	14.90	17.46	15.91	16.60	16.32	14.97	15.82	16.58	14.49	12.45	12.65
MIN	10.81	11.01	13.74	13.71	13.23	13.88	13.47	14.84	14.49	11.72	11.57	11.32

303159091512700 BAYOU COURTABLEAU WEST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA

LOCATION.--Lat 30°31'59", long 91°51'27", in sec.16, T.6 S., R.6 E., St. Landry Parish, Hydrologic Unit 08080101, 6.0 mi west of Krotz Springs, and 0.8 mi southeast of Courtableau.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1977 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SETTLEABLE MATTER (ML/L/HR)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT										
28...	0835	502	7.2	10	25	<1.0	7.7	21	4.0	1100
DEC										
02...	0840	147	6.3	120	150	<1.0	6.9	50	3.7	4800
JAN										
06...	0750	115	6.1	80	65	<1.0	11.2	17	3.5	540
25...	0815	157	6.5	120	60	<1.0	10.8	17	2.8	840
FEB										
28...	0800	98	6.7	200	250	<1.0	7.6	19	4.5	7800
MAR										
30...	0940	179	7.2	140	70	<1.0	4.8	22	3.6	1600
APR										
27...	0840	338	8.0	15	40	<1.0	8.8	10	1.1	780
JUN										
01...	0805	186	7.2	120	200	<1.0	4.2	22	2.2	2200
29...	0750	127	7.0	80	30	<1.0	2.8	18	5.0	K280
AUG										
03...	0700	433	8.0	10	15	<1.0	7.3	17	4.7	250
31...	0910	424	7.7	10	15	<1.0	7.4	23	2.0	K8400
SEP										
28...	0820	444	7.9	10	65	<1.0	3.7	17	3.7	1100

DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
28...	160	180	44	16	32	3.7	129	66	31	22	.04	.8
DEC												
02...	450	57	14	5.3	6.2	3.8	48	13	9.1	88	.06	.4
JAN												
06...	K26	42	10	4.1	5.4	2.4	32	12	7.1	14	.03	.2
25...	150	62	15	6.0	6.3	2.4	57	11	8.3	14	.08	.4
FEB												
28...	3700	39	9.6	3.7	3.5	2.2	36	4.3	9.4	219	.06	.3
MAR												
30...	84	65	16	6.1	8.9	2.7	62	8.2	11	46	.05	.3
APR												
27...	K52	130	35	10	15	2.6	95	37	20	35	.04	1.4
JUN												
01...	200	71	18	6.3	7.6	2.8	59	14	11	202	.09	1.6
29...	84	49	12	4.6	4.7	2.5	49	5.2	5.1	31	.04	.2
AUG												
03...	K12	170	44	14	19	3.4	126	49	22	22	.01	1.6
31...	K1900	150	39	13	23	2.9	112	51	24	24	.03	.6
SEP												
28...	500	160	39	15	25	3.6	162	16	29	122	.03	.2

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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303159091512700 BAYOU COURTABLEAU WEST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT												
28...	.7	.13	2	2	<10	<.5	1	<1	<10	<1	5	3
DEC												
02...	1.1	.35	3	3	<10	<.5	1	<1	10	<1	11	8
JAN												
06...	1.2	.19	2	1	<10	<.5	2	<1	20	<1	4	3
25...	1.0	.19	2	1	<10	<.5	1	1	10	<1	8	7
FEB												
28...	1.4	.26	2	1	<10	<.5	<1	<1	40	<1	17	3
MAR												
30...	1.3	.24	3	2	<10	<.5	3	<1	10	<1	6	6
APR												
27...	1.0	.08	2	2	<10	<1	1	<1	<10	<1	3	1
JUN												
01...	1.0	.21	3	3	<10	<1	<1	<1	10	<1	11	5
29...	.7	.25	4	3	<10	<1	<1	<1	<10	<1	28	6
AUG												
03...	.6	.08	3	2	<10	<1	<1	<1	10	<1	3	3
31...	.6	.09	3	3	<10	<1	<1	<1	10	<1	3	2
SEP												
28...	.3	.19	3	2	<10	<1	1	<1	10	<1	4	3

DATE	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT												
28...	24	3	2	<.1	<.1	5	1	<1	<1	1	20	14
DEC												
02...	180	9	5	<.1	<.1	10	2	<1	<1	1	190	77
JAN												
06...	140	11	2	<.1	<.1	5	2	<1	<1	2	60	30
25...	220	5	1	.2	.2	8	3	<1	<1	7	80	39
FEB												
28...	190	13	3	<.1	<.1	16	<1	6	<1	2	130	21
MAR												
30...	230	3	1	.1	<.1	7	3	<1	<1	1	110	65
APR												
27...	27	5	2	<.1	<.1	6	3	<1	<1	<1	20	12
JUN												
01...	65	--	1	.1	.1	8	5	<1	<1	2	40	17
29...	140	8	2	.1	.1	--	4	<1	<1	2	40	35
AUG												
03...	7	6	3	.2	.2	1	<1	1	1	2	30	18
31...	5	5	5	.1	.1	3	2	<1	<1	2	20	4
SEP												
28...	12	5	5	<.1	<.1	--	7	<1	<1	2	20	3

< Actual value is known to be less than the value shown.

303159091512700 BAYOU COURTABLEAU WEST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT												
28...	6.4	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
DEC												
02...	12	<.01	11	<1	<.1	<.1	<.001	<.1	.001	<.001	.011	<.01
JAN												
06...	9.0	<.01	7	2	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
25...	8.9	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	.004	.01
FEB												
28...	13	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	.005	<.01
MAR												
30...	12	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
APR												
27...	5.0	<.01	<1	1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUN												
01...	9.3	<.01	3	<1	<.1	<.1	<.001	<.1	.002	<.001	.010	--
29...	9.0	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
AUG												
03...	5.2	<.01	10	3	<.1	<.1	<.001	<.1	<.001	<.001	<.001	.01
31...	4.7	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
SEP												
28...	6.0	<.01	13	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN. TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
DEC											
02...	.009	<.001	<.001	<.01	<.001	<.001	.002	<.01	<.01	<.01	<.01
JAN											
06...	.005	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
25...	.002	<.001	<.001	<.01	.001	<.001	.003	<.01	<.01	<.01	<.01
FEB											
28...	.012	<.001	<.001	<.01	<.001	.003	<.001	<.01	<.01	<.01	<.01
MAR											
30...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
27...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUN											
01...	.008	<.001	<.001	--	<.001	<.001	<.001	--	<.01	--	--
29...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
AUG											
03...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
31...	.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
SEP											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

303159091512700 BAYOU COURTABLEAU WEST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
28...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	14	3.4
DEC											
02...	<.01	<.01	<.1	<1	<.01	.10	<.01	.09	<.01	.9	.6
JAN											
06...	<.01	<.01	<.1	<1	<.01	.03	<.01	.01	<.01	2.5	<.1
25...	<.01	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01	1.4	<.1
FEB											
28...	<.01	<.01	<.1	<1	<.01	.02	<.01	.01	.01	1.0	<.1
MAR											
30...	<.01	<.01	<.1	<1	<.01	.06	<.01	<.01	<.01	5.7	.6
APR											
27...	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	6.5	1.0
JUN											
01...	<.01	--	<.1	<1	--	--	--	--	--	6.8	<.1
29...	<.01	<.01	<.1	<1	<.01	.18	<.01	.01	<.01	8.9	<.1
AUG											
03...	<.01	<.01	<.1	<1	<.01	.22	<.01	.01	<.01	20	<.1
31...	<.01	<.01	<.1	<1	<.01	.10	<.01	.07	<.01	--	--
SEP											
28...	<.01	<.01	<.1	<1	<.01	.15	<.01	<.01	.01	12	<.1

< Actual value is known to be less than the value shown.

303159091512300 BAYOU COURTABLEAU EAST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA

LOCATION.--Lat 30°31'59", long 91°51'23", in sec.16, T.6 S., R.6 E., St. Landry Parish, Hydrologic Unit 08080101, 6.0 mi west of Krotz Springs, and 0.8 mi southeast of Courtableau.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1977 to current year.

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SETTLE-ABLE MATTER (ML/L/HR)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML)
OCT										
28...	0855	486	7.1	15	25	<1.0	7.1	19	1.8	1300
DEC										
02...	0855	143	6.4	160	150	<1.0	6.9	45	3.0	7700
JAN										
06...	0810	142	6.1	100	90	<1.0	10.6	23	2.8	K550
25...	0755	160	6.3	120	70	<1.0	10.8	22	2.5	1800
FEB										
28...	0820	100	6.8	200	250	<1.0	7.5	24	3.9	8800
MAR										
30...	1000	177	7.4	100	70	<1.0	4.9	27	3.9	2200
APR										
27...	0800	232	7.8	80	50	<1.0	6.0	16	3.6	K1500
JUN										
01...	0830	186	7.3	100	200	<1.0	3.8	18	2.2	K1100
29...	0810	127	7.0	80	30	<1.0	2.5	18	3.2	--
AUG										
03...	0715	436	8.0	10	20	<1.0	6.8	15	3.5	240
31...	0930	421	7.9	5	15	<1.0	6.5	27	1.8	760
SEP										
28...	0845	459	7.9	20	50	<1.0	4.4	14	3.1	740

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
OCT												
28...	280	170	43	15	32	3.7	127	71	30	34	.03	.7
DEC												
02...	760	53	13	5.1	5.6	3.7	46	12	8.2	69	.10	.5
JAN												
06...	K40	53	13	5.0	5.9	2.9	43	13	7.6	36	.04	.4
25...	K360	62	15	6.0	6.1	2.5	57	10	8.3	26	.09	.4
FEB												
28...	4500	39	9.7	3.7	3.5	2.2	37	4.3	4.2	230	.05	.3
MAR												
30...	84	65	16	6.0	9.4	2.6	63	8.2	10	62	.05	.3
APR												
27...	170	91	23	8.1	9.6	2.8	85	15	12	25	.06	.6
JUN												
01...	450	68	17	6.1	7.8	2.8	57	15	11	116	.10	1.6
29...	820	48	12	4.5	4.7	2.6	49	5.3	4.7	32	.04	.2
AUG												
03...	K20	170	46	14	17	3.4	126	49	22	44	.02	1.6
31...	310	150	39	13	23	2.8	113	51	24	22	.03	.6
SEP												
28...	120	70	42	16	26	3.5	169	16	30	60	.02	.1

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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303159091512300 BAYOU COURTABLEAU EAST OF DRAINAGE STRUCTURE, AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT												
28...	.5	.14	2	2	<10	<.5	1	<1	40	<1	5	2
DEC												
02...	1.3	.44	3	3	<10	<.5	1	<1	<10	<1	9	7
JAN												
06...	1.0	.28	2	2	<10	<.5	2	<1	20	<1	5	4
25...	1.0	.19	2	1	<10	<.5	1	1	20	<1	8	4
FEB												
28...	.5	.27	2	1	<10	<.5	--	<1	40	<1	15	2
MAR												
30...	1.7	.21	3	2	<10	<.5	3	<1	10	<1	8	5
APR												
27...	2.3	.26	3	2	<10	<1	1	<1	20	<1	3	2
JUN												
01...	1.3	.21	4	2	<10	<1	<1	<1	20	<1	6	6
29...	1.3	.25	4	3	<10	<1	<1	<1	<10	<1	--	9
AUG												
03...	.4	.13	3	2	--	<1	--	<1	10	<1	--	2
31...	.8	.08	3	3	<10	<.5	<1	<1	10	1	2	1
SEP												
28...	1.1	.15	2	2	<10	<.5	<1	<1	10	<1	3	3

DATE	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT												
28...	29	3	2	<.1	<.1	5	1	<1	<1	1	10	5
DEC												
02...	190	4	4	<.1	<.1	8	3	<1	<1	<1	40	9
JAN												
06...	120	16	1	<.1	<.1	6	1	<1	<1	1	100	24
25...	210	8	2	.1	.1	7	2	<1	<1	1	20	9
FEB												
28...	220	10	2	<.1	<.1	4	<1	<1	<1	2	60	7
MAR												
30...	99	5	1	.2	.2	9	2	<1	<1	1	60	25
APR												
27...	170	4	3	.1	.2	5	2	<1	<1	<1	10	10
JUN												
01...	110	10	1	.1	<.1	4	2	<1	<1	2	70	16
29...	130	--	5	.2	<.1	2	1	2	<1	2	--	10
AUG												
03...	7	--	4	.1	.1	--	1	1	1	2	--	24
31...	6	6	3	.1	.1	2	1	<1	<1	2	20	4
SEP												
28...	4	3	3	<.1	<.1	--	6	<1	<1	1	10	<3

< Actual value is known to be less than the value shown.

303159091512300 BAYOU COURTABLEAU EAST OF DRAINAGE STRUCTURE AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L)	PCB, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
OCT												
28...	6.2	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
DEC												
02...	14	<.01	13	<1	<.1	<.1	<.001	<.1	.003	<.001	.009	<.01
JAN												
06...	9.4	<.01	5	<1	<.1	<.1	<.001	<.1	<.001	<.001	.005	<.01
25...	9.4	<.01	--	<1	<.1	<.1	.002	<.1	<.001	<.001	.007	<.01
FEB												
28...	13	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	.002	<.01
MAR												
30...	12	<.01	3	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
APR												
27...	4.2	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
JUN												
01...	9.2	<.01	7	<1	<.1	<.1	<.001	<.1	.002	<.001	.010	<.01
29...	9.0	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
AUG												
03...	5.2	<.01	12	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
31...	4.2	<.01	<1	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01
SEP												
28...	5.3	<.01	7	<1	<.1	<.1	<.001	<.1	<.001	<.001	<.001	<.01

DATE	DI-ELDRIN TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	LINDANE TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)
OCT											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
DEC											
02...	.009	<.001	<.001	<.01	<.001	<.001	.005	<.01	<.01	<.01	<.01
JAN											
06...	.005	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
25...	.004	<.001	.001	<.01	.003	<.001	.008	<.01	<.01	<.01	<.01
FEB											
28...	.014	<.001	<.001	<.01	<.001	.001	<.001	<.01	<.01	<.01	<.01
MAR											
30...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
APR											
27...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
JUN											
01...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
29...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
AUG											
03...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
31...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	<.01	<.01
SEP											
28...	<.001	<.001	<.001	<.01	<.001	<.001	<.001	<.01	<.01	.01	<.01

< Actual value is known to be less than the value shown.

303159091512300 BAYOU COURTABLEAU EAST OF DRAINAGE STRUCTURE AT COURTABLEAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)
OCT											
28...	<.01	<.01	<.1	<1	<.01	.02	<.01	<.01	<.01	2.8	.9
DEC											
02...	<.01	<.01	<.1	<1	<.01	.08	<.01	.07	<.01	1.0	<.1
JAN											
06...	<.01	<.01	<.1	<1	<.01	.07	<.01	.02	<.01	3.7	<.1
25...	<.01	<.01	<.1	<1	<.01	.04	<.01	<.01	<.01	1.3	<.1
FEB											
28...	<.01	<.01	<.1	<1	<.01	.01	<.01	.01	<.01	1.7	<.1
MAR											
30...	<.01	<.01	<.1	<1	<.01	.05	<.01	<.01	<.01	2.5	<.1
APR											
27...	<.01	<.01	<.1	<1	<.01	.08	<.01	<.01	<.01	13	<.1
JUN											
01...	<.01	<.01	<.1	<1	<.01	.02	<.01	.02	<.01	2.7	<.1
29...	<.01	<.01	<.1	<1	<.01	.08	<.01	.01	<.01	8.3	<.1
AUG											
03...	<.01	<.01	<.1	<1	<.01	.17	<.01	.02	<.01	17	<.1
31...	<.01	<.01	<.1	<1	<.01	.05	<.01	.08	<.01	5.9	<.1
SEP											
28...	<.01	<.01	<.1	<1	<.01	.14	<.01	<.01	<.01	6.2	<.1

< Actual value is known to be less than the value shown.

07385470 BAYOU TECHE AT ROBIN, LA

LOCATION.--Lat 30°26'48", long 91°55'22", on line between lots 51 and 54, T. 7 S., R. 5 E., Louisiana meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on parish road at Robin, and 3.7 mi upstream from gaging station Bayou Teche at Arnaudville (station 07385500).

DRAINAGE AREA.--Indeterminate. See REMARKS.

PERIOD OF RECORD.--October 1974 to current year (elevations only). Unpublished records, November 1947 to September 1974, available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to February 4, 1953, nonrecording gage at same site and datum.

REMARKS.--Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs, near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi^2, into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion fresh water diversion channel operational during the year anytime the flow in Bayou Courtableau does not bypass by way of the Courtableau weirs near Krotz Springs.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, about 23.0 ft Apr. 21, 1977; minimum, 9.63 ft Oct. 30, 31, Nov. 1, 2, 1978, but may have less during period of no elevation record, Oct. 11-26, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since November 1947, 25.6 ft May 23, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 19.53 ft Dec. 11; minimum, 11.87 ft Oct. 3.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.85	13.00	13.75	14.22	14.49	15.70	14.18	14.24	14.71	15.55	14.67	14.79
2	12.36	13.07	13.25	14.03	13.95	15.45	14.01	14.23	14.68	15.42	14.66	14.80
3	11.95	13.13	13.12	13.91	13.87	15.24	13.95	14.34	14.66	14.45	14.68	14.86
4	12.18	13.20	13.72	13.95	14.29	15.02	14.41	14.30	14.63	14.64	14.80	14.90
5	12.60	13.29	14.43	14.31	14.66	14.86	14.96	14.31	14.61	14.79	14.77	14.82
6	12.88	13.37	14.19	14.57	14.64	15.02	14.90	14.30	14.57	14.79	14.52	14.81
7	13.07	13.44	13.77	14.42	13.80	15.14	14.76	14.26	14.92	14.74	14.41	14.79
8	13.13	13.37	13.68	14.11	13.60	15.09	14.72	14.26	15.73	14.83	14.40	14.77
9	13.11	13.55	13.51	13.94	13.83	14.99	14.61	14.30	16.07	14.86	14.46	14.76
10	13.09	13.28	13.56	15.57	15.83	14.83	14.87	14.37	16.16	14.74	14.55	14.74
11	13.06	12.94	18.89	15.71	15.57	14.58	14.95	14.47	16.17	14.71	14.69	14.72
12	13.14	12.90	19.11	15.47	16.32	14.36	14.73	14.52	16.14	14.66	14.80	14.70
13	13.11	13.01	18.74	15.03	17.71	14.54	14.64	14.51	16.11	14.54	14.84	14.67
14	13.04	13.07	18.37	14.53	17.40	14.70	14.45	14.47	16.12	14.44	14.81	14.64
15	13.00	13.18	17.77	14.62	16.98	14.71	14.13	14.51	16.12	14.47	14.83	14.62
16	12.96	13.16	17.14	15.25	16.61	14.60	13.88	14.42	16.41	14.48	14.81	14.60
17	12.93	13.17	16.68	15.41	16.21	14.36	14.11	14.40	16.81	14.37	17.75	14.58
18	12.89	13.19	16.27	15.84	16.03	14.07	14.37	14.36	16.64	14.51	14.66	14.57
19	12.87	13.29	15.86	15.90	15.92	14.26	14.32	14.31	16.46	14.58	14.56	14.67
20	12.86	14.06	15.40	15.36	15.87	15.10	14.02	14.27	16.34	14.47	14.45	14.77
21	12.87	14.31	14.89	14.70	15.83	15.03	14.04	14.94	16.06	14.43	14.46	14.82
22	14.78	13.43	14.58	14.17	15.70	14.88	14.18	15.34	15.75	14.43	14.52	14.91
23	14.00	13.87	14.65	13.94	15.57	14.79	14.26	15.85	15.43	14.53	14.76	15.03
24	12.90	14.23	14.53	14.61	15.47	15.32	14.34	15.63	15.12	14.69	14.79	15.16
25	13.01	14.20	14.34	14.87	15.33	15.62	14.38	15.12	14.87	14.59	14.73	15.39
26	13.30	13.82	14.21	14.28	15.44	15.22	14.38	14.85	14.60	14.26	14.73	15.01
27	13.25	14.74	14.15	14.62	16.60	14.74	14.37	15.18	14.89	13.85	14.76	14.98
28	12.75	16.10	14.51	14.79	16.25	14.30	14.36	15.06	14.95	14.07	14.80	14.94
29	12.55	15.47	14.77	14.62	15.94	14.26	14.32	14.87	14.46	14.21	14.78	14.81
30	12.71	14.55	14.73	14.33	---	14.29	14.28	14.80	15.03	14.50	14.78	14.64
31	12.87	---	14.47	14.43	---	14.27	---	14.76	---	14.64	14.81	---
MAX	14.78	16.10	19.11	15.90	17.71	15.70	14.96	15.85	16.81	15.55	17.75	15.39
MIN	11.95	12.90	13.12	13.91	13.60	14.07	13.88	14.23	14.46	13.85	14.40	14.57

BEST COPY AVAILABLE

07385500 BAYOU TECHE AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'50", long 91°55'50", at NW corner lot 63, T.7 S., R.5 E., Louisiana meridian, St. Landry Parish, Hydrologic Unit 08080102, near center of span on downstream side of bridge on State Highway 31, at Arnaudville, and 270 ft upstream from Bayou Fusilier.

DRAINAGE AREA.--Approximately 1,530 mi^2 (see REMARKS).

PERIOD OF RECORD.--April 1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to May 11, 1949, nonrecording gage. May 12, 1949 to May 11, 1960, water-stage recorder, May 26, 1960 to Aug. 15, 1961, nonrecording gage. All gages at same site and datum. Water-stage recorder for Bayou Teche at Robin (station 07385470) used as auxiliary gage for this station. Prior to Feb. 4, 1953, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at Weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big Darbonne Bayou culvert and since April 1956 through Bayou Courtableau drainage structure. Since April 1952, floodflow is diverted from Bayou Rapides, drainage area, 76.1 mi^2, into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche Vermillion fresh water diversion canal operational during the year anytime the flow in Bayou Courtableau does not bypass by away of the Courtableau Weirs near Krotz Springs.

AVERAGE DISCHARGE.--35 years, 830 ft^3/s 601,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,630 ft^3/s May 24, 1953; maximum elevation, 24.27 ft May 23, 1953; minimum discharge, 53 ft^3/s Aug. 12, 1965, minimum elevation, 6.78 ft Oct. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,540 ft^3/s Dec. 11, maximum elevation, 18.24 ft; minimum daily discharge, 526 ft^3/s Oct. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	690	643	800	882	940	1270	913	914	1020	1220	1010	1030
2	604	660	690	842	827	1210	876	914	1010	1180	1000	1040
3	526	673	664	820	811	1160	862	923	1000	969	1010	1050
4	565	688	782	826	866	1110	957	932	996	1000	1040	1070
5	636	707	931	900	943	1080	1080	932	993	1040	1030	1040
6	688	725	893	956	952	1110	1070	926	985	1040	978	1040
7	722	741	796	910	781	1130	1040	916	1050	1030	953	1040
8	734	723	776	860	722	1120	1030	928	1240	1040	949	1030
9	729	762	739	825	763	1100	1010	936	1320	1060	960	1030
10	724	710	744	1180	1370	1060	1060	954	1330	1030	979	1030
11	720	639	2070	1200	1280	1010	1080	971	1340	1020	1020	1020
12	741	626	2230	1160	1370	959	1030	974	1330	1010	1030	1020
13	729	646	1940	1060	1760	999	1010	965	1320	986	1040	1010
14	713	656	1850	949	1660	1030	971	956	1330	962	1030	1010
15	708	688	1680	968	1510	1040	901	953	1330	970	1040	1000
16	699	680	1520	1110	1440	1010	848	949	1380	971	1030	997
17	695	681	1420	1140	1380	958	892	941	1470	947	1010	993
18	686	685	1330	1230	1330	895	949	932	1440	975	996	991
19	681	707	1250	1250	1310	939	939	921	1400	995	974	1010
20	679	881	1140	1130	1300	1140	873	1040	1370	970	950	1030
21	679	925	1030	987	1290	1110	876	1170	1310	959	953	1040
22	1080	742	959	871	1260	1070	906	1290	1250	957	967	1060
23	895	826	971	824	1240	1050	923	1270	1180	978	1030	1090
24	638	901	950	968	1210	1160	941	1140	1110	1010	1030	1130
25	653	884	906	1020	1180	1240	948	1080	1060	996	1010	1180
26	713	806	880	895	1200	1150	949	1040	995	927	1010	1090
27	703	1020	868	968	1490	1040	946	1120	1050	839	1020	1080
28	602	1350	940	1010	1400	942	942	1100	1070	843	1030	1070
29	558	1200	1010	968	1320	931	932	1060	971	910	1020	1040
30	587	974	996	905	---	938	924	1040	1110	972	1020	1010
31	619	---	935	928	---	933	---	1020	---	1000	1030	---
TOTAL	21396	23549	34690	30542	34905	32894	28678	31207	35760	30806	31149	31271
MEAN	690	785	1119	985	1204	1061	956	1007	1192	994	1005	1042
MAX	1080	1350	2230	1250	1760	1270	1080	1290	1470	1220	1040	1180
MIN	526	626	664	820	722	895	848	914	971	839	949	991
AC-FT	42440	46710	68810	60580	69230	65250	56880	61900	70930	61100	61780	62030

CAL YR 1983 TOTAL 419900 MEAN 1150 MAX 2290 MIN 482 AC-FT 832900
WTR YR 1984 TOTAL 366847 MEAN 1002 MAX 2230 MIN 526 AC-FT 727600

07385500 BAYOU TECHE AT ARNAUDVILLE, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.31	12.36	13.05	---	---	15.02	13.54	13.55	14.00	14.83	13.95	14.06
2	11.85	12.43	12.57	---	---	14.80	13.38	13.55	13.96	14.68	13.94	14.08
3	11.44	12.49	12.45	---	---	14.59	13.32	13.59	13.93	13.78	13.97	14.15
4	11.64	12.56	12.97	---	13.34	14.38	13.73	13.62	13.90	13.93	14.08	14.19
5	12.03	12.64	13.62	---	13.67	14.24	14.26	13.63	13.89	14.08	14.06	14.10
6	12.30	12.72	13.46	---	13.71	14.38	14.21	13.60	13.85	14.07	13.82	14.09
7	12.48	12.79	13.03	13.53	12.96	14.48	14.08	13.56	14.14	14.03	13.72	14.07
8	12.54	12.71	12.94	---	12.71	14.43	14.06	13.61	14.92	14.10	13.70	14.05
9	12.51	12.88	12.78	---	12.88	14.33	13.95	13.64	15.24	14.15	13.75	14.04
10	12.49	12.66	12.80	---	15.48	14.18	14.18	13.72	15.32	14.04	13.83	14.03
11	12.46	12.34	17.40	---	15.07	13.94	14.26	13.79	15.32	14.01	14.00	14.01
12	12.57	12.28	18.07	---	15.47	13.71	14.05	13.80	15.30	13.96	14.06	13.99
13	12.51	12.37	17.77	---	17.04	13.91	13.96	13.77	15.27	13.86	14.09	13.97
14	12.43	12.42	17.39	---	16.64	14.06	13.79	13.73	15.28	13.75	14.05	13.94
15	12.40	12.56	16.74	---	16.04	14.05	13.49	13.72	15.28	13.79	14.08	13.93
16	12.36	12.53	16.09	---	15.76	13.96	13.26	13.70	15.52	13.79	14.05	13.90
17	12.33	12.53	15.67	---	15.49	13.74	13.45	13.66	15.88	13.69	13.98	13.89
18	12.29	12.55	15.31	---	15.31	13.47	13.70	13.62	15.74	13.81	13.90	13.88
19	12.26	12.64	14.95	---	15.22	13.65	13.66	13.58	15.58	13.90	13.81	13.96
20	12.25	13.40	14.52	---	15.17	14.51	13.37	14.09	15.48	13.79	13.70	14.04
21	12.25	13.59	13.99	---	15.13	14.38	13.38	14.64	15.20	13.74	13.72	14.09
22	14.22	12.78	13.74	---	15.01	14.21	13.51	15.13	14.95	13.73	13.78	14.16
23	13.46	13.17	13.79	---	14.90	14.12	13.59	15.02	14.67	13.82	14.03	14.30
24	12.33	13.49	13.70	---	14.80	14.57	13.67	14.50	14.39	13.97	14.00	14.47
25	12.41	13.42	13.51	---	14.67	14.91	13.69	14.26	14.15	13.90	13.98	14.69
26	12.67	13.07	---	---	14.78	14.54	13.70	14.10	13.89	13.60	13.97	14.31
27	12.63	13.98	---	---	15.96	14.08	13.69	14.41	14.14	13.22	14.00	14.24
28	12.17	15.38	---	---	15.58	13.67	13.67	14.35	14.23	13.23	14.04	14.21
29	11.97	14.76	---	---	15.25	13.62	13.63	14.15	13.79	13.53	14.02	14.09
30	12.10	13.80	---	---	---	13.65	13.59	14.08	14.39	13.80	14.02	13.94
31	12.25	---	---	---	---	13.63	---	14.02	---	13.93	14.06	---
MAX	14.22	15.38	18.07	---	17.04	15.02	14.26	15.13	15.88	14.83	14.09	14.69
MIN	11.44	12.28	12.45	---	12.71	13.47	13.26	13.55	13.79	13.22	13.70	13.88

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°04'15", long 91°49'45", on line between lots 8 and 17, T. 11 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080102, on right bank of concrete lock and dam, 3.5 mi south of St. Martinville, and 11 mi upstream from Loreauville Canal.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1959 to current year. Daily gage heights since July 1913 in reports of Corps of Engineers.

GAGE.--Water-stage recorder and concrete dam. Datum of gage is mean low Gulf level or 0.78 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Bayou Teche heads in Bayou Courtableau at Port Barre. At high stages, considerable flow bypasses station by way of Bayou Courtableau at weirs near Krotz Springs. There is controlled diversion to or from Red River and Old River overflow area through Bayou des Glaises floodgates and to or from West Atchafalaya Floodway through Big D'Arbonne Bayou Culvert and since April 1956 through Bayou Courtableau Drainage Structure. Since April 1952, floodflow is diverted from Bayou Rapides (drainage area, 76.1 mi^2) into Bayou Boeuf when stages of Red River make it necessary to close gates at mouth of Bayou Rapides. Teche-Vermilion fresh water diversion operational during the year anytime the flow in Bayou Courtableau does not bypass by way of Courtableau weirs near Krotz Springs. Dependent upon its gradient, Bayou Fusilier interchanges flow between Bayou Teche and Vermilion River. Water from irrigation is diverted through Ruth Canal (Station 07386700) into Vermilion River. Crest of dam raised from 8.0 ft to 9.47 ft in June 1957.

AVERAGE DISCHARGE.--25 years, 494 ft^3/s, 357,900 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,970 ft^3/s Sept. 5, 1973, maximum gage height, 15.59 ft Oct. 4, 1964; minimum discharge, no flow Aug. 10-29, 1962, June 12-16, 1963, July 24, 1964, July 21, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since July 1913, 24.30 ft May 27, 1927; minimum, 0.75 ft July 18, 1918.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,110 ft^3/s Feb. 26, gage height 11.04 ft; minimum 5.0 ft^3/s Oct. 3, gage height, 9.50 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	184	345	301	323	593	212	137	200	357	189	459
2	50	189	254	274	294	549	189	142	194	334	189	503
3	44	200	229	254	294	440	194	157	194	262	189	494
4	152	212	267	254	307	383	194	157	200	200	217	514
5	200	212	337	274	352	391	241	157	189	219	248	500
6	229	223	456	315	352	368	267	168	184	204	200	490
7	254	241	287	323	294	368	260	178	194	211	173	493
8	223	229	241	294	229	352	308	200	262	206	173	496
9	223	235	235	415	248	352	280	173	332	219	175	501
10	217	223	274	674	620	330	241	173	364	214	174	502
11	217	184	657	584	647	308	235	178	359	217	221	527
12	391	173	939	532	808	294	212	184	353	205	225	529
13	260	184	971	481	908	294	194	178	348	212	198	524
14	206	178	939	407	878	322	178	212	345	212	197	546
15	194	200	858	423	799	301	137	226	351	206	219	555
16	200	194	750	439	770	308	104	225	418	189	206	545
17	206	189	674	532	703	287	88	225	449	173	192	543
18	200	200	602	703	647	253	100	225	447	168	181	548
19	189	217	540	647	611	301	123	217	421	200	171	545
20	194	352	473	558	602	399	104	344	399	184	158	500
21	189	360	391	448	575	352	114	447	364	178	148	527
22	638	287	360	360	549	254	147	680	315	168	154	533
23	498	330	330	308	532	217	137	629	281	157	180	568
24	274	391	337	490	523	206	128	408	246	173	216	569
25	189	352	294	575	498	294	137	316	222	194	199	595
26	194	301	274	423	620	287	147	288	189	168	203	592
27	206	360	316	368	848	235	162	280	229	132	220	594
28	184	566	399	375	722	217	162	300	277	168	278	595
29	147	575	383	368	647	223	147	263	284	241	229	579
30	152	473	360	338	---	212	157	224	300	189	226	561
31	173	---	330	308	---	212	---	208	---	189	277	---
TOTAL	6793	8214	14102	13045	16200	9902	5299	7899	8910	6349	6225	16027
MEAN	219	274	455	421	559	319	177	255	297	205	201	534
MAX	638	575	971	703	908	593	308	680	449	357	278	595
MIN	44	173	229	254	229	206	88	137	184	132	148	459
AC-FT	13470	16290	27970	25870	32130	19640	10510	15670	17670	12590	12350	31790

CAL YR 1983 TOTAL 174017 MEAN 477 MAX 2130 MIN 44 AC-FT 345200
WTR YR 1984 TOTAL 118965 MEAN 325 MAX 971 MIN 44 AC-FT 236000

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.80	9.97	10.22	10.16	10.19	10.52	10.02	9.88	10.00	10.24	9.98	10.36
2	9.67	9.98	10.09	10.12	10.15	10.47	9.98	9.89	9.99	10.21	9.98	10.42
3	9.65	10.00	10.04	10.09	10.15	10.34	9.99	9.92	9.99	10.10	9.98	10.41
4	9.91	10.02	10.11	10.09	10.17	10.27	9.99	9.92	10.00	10.00	10.03	10.43
5	10.00	10.02	10.21	10.12	10.23	10.28	10.07	9.92	9.98	10.03	10.08	10.41
6	10.05	10.04	10.36	10.18	10.23	10.25	10.11	9.94	9.97	9.98	10.00	10.40
7	10.08	10.07	10.13	10.19	10.15	10.25	10.10	9.96	9.99	10.02	9.95	10.40
8	10.04	10.05	10.07	10.15	10.05	10.23	10.17	10.00	10.10	10.01	9.95	10.41
9	10.04	10.06	10.06	10.29	10.08	10.23	10.13	9.95	10.20	10.03	9.95	10.41
10	10.03	10.04	10.11	10.61	10.55	10.20	10.07	9.95	10.24	10.02	9.95	10.41
11	10.03	9.97	10.59	10.51	10.58	10.17	10.06	9.96	10.24	10.03	10.03	10.44
12	10.27	9.95	10.88	10.45	10.74	10.15	10.02	9.97	10.23	10.01	10.04	10.45
13	10.10	9.97	10.91	10.39	10.85	10.15	9.99	9.96	10.22	10.02	10.00	10.44
14	10.01	9.96	10.88	10.30	10.81	10.19	9.96	10.02	10.22	10.02	9.99	10.47
15	9.99	10.00	10.80	10.32	10.74	10.16	9.88	10.04	10.23	10.01	10.03	10.48
16	10.00	9.99	10.69	10.34	10.71	10.17	9.81	10.04	10.31	9.98	10.01	10.47
17	10.01	9.98	10.61	10.45	10.64	10.14	9.77	10.04	10.35	9.95	9.99	10.46
18	10.00	10.00	10.53	10.64	10.58	10.09	9.80	10.04	10.35	9.94	9.97	10.47
19	9.98	10.02	10.46	10.58	10.54	10.16	9.85	10.03	10.32	10.00	9.95	10.47
20	9.99	10.23	10.38	10.48	10.53	10.28	9.81	10.21	10.29	9.97	9.92	10.41
21	9.98	10.24	10.27	10.35	10.50	10.23	9.83	10.35	10.25	9.96	9.90	10.44
22	10.55	10.14	10.24	10.24	10.47	10.09	9.90	10.61	10.18	9.94	9.91	10.45
23	10.41	10.19	10.20	10.17	10.45	10.03	9.88	10.56	10.13	9.92	9.96	10.49
24	10.12	10.28	10.21	10.39	10.44	10.00	9.86	10.30	10.08	9.95	10.02	10.49
25	9.98	10.23	10.15	10.50	10.41	10.15	9.88	10.18	10.04	9.99	10.00	10.52
26	9.99	10.16	10.12	10.32	10.55	10.14	9.90	10.14	9.98	9.94	10.01	10.52
27	10.01	10.23	10.18	10.25	10.79	10.06	9.93	10.13	10.05	9.87	10.03	10.52
28	9.97	10.49	10.29	10.26	10.66	10.02	9.93	10.16	10.12	9.94	10.13	10.52
29	9.90	10.50	10.27	10.25	10.58	10.04	9.90	10.10	10.13	10.07	10.05	10.50
30	9.91	10.37	10.24	10.21	---	10.02	9.92	10.04	10.15	9.98	10.04	10.48
31	9.95	---	10.20	10.17	---	10.02	---	10.01	---	9.98	10.12	---
MAX	10.55	10.50	10.91	10.64	10.85	10.52	10.17	10.61	10.35	10.24	10.13	10.52
MIN	9.65	9.95	10.04	10.09	10.05	10.00	9.77	9.88	9.97	9.87	9.90	10.36

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-67, 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1974 to September 1981.
WATER TEMPERATURES: October 1974 to September 1981.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 522 micromhos July 22, 1980; minimum daily, 39 micromhos May 19, 1980.
WATER TEMPERATURES: Maximum daily, 36.0°C July 8, 1980; minimum daily, 3.5°C Jan. 19, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
03...	1330	47	170	6.3	23.5	60	23	4.2	3.1	200	770
JAN											
03...	1045	260	126	6.4	5.0	200	130	9.2	3.8	780	23000
APR											
09...	1015	294	155	7.4	20.5	200	150	5.8	1.7	K55	1400
JUL											
02...	1130	337	114	7.2	27.0	100	45	4.5	.9	150	K110

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT									
03...	47	11	4.7	13	3.6	47	9.5	16	.1
JAN									
03...	43	10	4.3	6.9	3.1	36	8.9	10	<.1
APR									
09...	45	11	4.3	12	2.0	47	5.4	15	<.1
JUL									
02...	34	8.1	3.3	8.2	2.2	36	4.1	10	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT									
03...	13	118	99	.41	.17	.6	.28	.17	.16
JAN									
03...	7.8	75	73	.45	.12	1.8	.36	.12	.12
APR									
09...	8.9	89	87	.36	.27	.8	.27	.13	.08
JUL									
02...	8.7	76	67	.60	.54	1.0	.27	.19	.17

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07385700 BAYOU TECHE AT KEYSTONE LOCK, NEAR ST. MARTINVILLE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT										
03...	30	2	55	<.5	<1	<1	5	8	220	1
JAN										
03...	<10	1	58	<.5	1	<1	<3	6	130	<1
APR										
09...	50	1	44	<1	<1	<1	<3	5	180	1
JUL										
02...	<10	3	63	<1	<1	<1	<3	6	620	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT										
03...	<4	64	<.1	<10	2	<1	<1	60	8	9
JAN										
03...	<4	14	.1	<10	3	<1	<1	52	<6	9
APR										
09...	<4	16	<.1	<10	<1	<1	<1	56	<6	8
JUL										
02...	<4	52	<.1	<10	6	--	1	47	<6	27

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
03...	32	4.1	66
JAN			
03...	200	140	98
APR			
09...	216	171	98
JUL			
02...	59	54	68

< Actual value is known to be less than the value shown.

295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)

LOCATION.--Lat 29°53'25", long 91°31'30", T.13 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, 0.5 mi north of Charenton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, October 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to November 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 37.0°C Aug. 3, 4, 7, 1983; minimum daily, 0.0°C Jan. 20, 1983.
CHLORIDE: Maximum daily, 1,800 mg/L Sept. 23, 1984; minimum daily, 5.0 mg L Apr. 13, 24, 25, May 9, June 2, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 24, July 11-13, 31, Aug. 1, 19-22; minimum daily, 4.0°C Dec. 26.
CHLORIDE: Maximum daily, 1,800 mg/L Sept. 23; minimum daily, 13.0 mg/L Dec. 30, July 22.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.0	23.0	17.0	5.0	12.0	10.0	17.0	21.0	25.0	25.0	31.0	29.0
2	28.0	23.0	16.0	5.0	12.0	11.0	18.0	21.0	25.0	25.0	30.0	29.0
3	28.0	24.0	18.0	6.0	11.0	13.0	16.0	21.0	25.0	27.0	28.0	28.0
4	27.0	25.0	18.0	7.0	13.0	13.0	16.0	22.0	25.0	28.0	28.0	28.0
5	---	23.0	18.0	11.0	12.0	15.0	16.0	22.0	26.0	30.0	27.0	27.0
6	25.0	22.0	18.0	11.0	10.0	14.0	16.0	22.0	26.0	30.0	27.0	27.0
7	25.0	22.0	16.0	9.0	10.0	15.0	18.0	22.0	26.0	30.0	26.0	28.0
8	27.0	20.0	15.0	8.0	10.0	15.0	16.0	20.0	26.0	30.0	26.0	28.0
9	26.0	20.0	15.0	10.0	10.0	15.0	18.0	20.0	25.0	30.0	28.0	27.0
10	26.0	20.0	16.0	11.0	10.0	15.0	20.0	21.0	27.0	30.0	30.0	29.0
11	29.0	20.0	16.0	10.0	12.0	15.0	20.0	21.0	27.0	31.0	30.0	28.0
12	27.0	16.0	18.0	11.0	14.0	15.0	20.0	20.0	27.0	31.0	28.0	29.0
13	27.0	18.0	16.0	11.0	12.0	14.0	20.0	21.0	27.0	31.0	28.0	29.0
14	26.0	18.0	15.0	11.0	16.0	14.0	21.0	22.0	28.0	30.0	27.0	29.0
15	23.0	---	13.0	12.0	17.0	19.0	20.0	22.0	27.0	30.0	30.0	30.0
16	27.0	17.0	15.0	10.0	18.0	19.0	18.0	28.0	28.0	29.0	30.0	28.0
17	26.0	18.0	15.0	9.0	18.0	20.0	18.0	28.0	29.0	28.0	29.0	28.0
18	23.0	18.0	15.0	10.0	19.0	20.0	18.0	23.0	28.0	---	30.0	27.0
19	24.0	18.0	12.0	7.0	19.0	20.0	18.0	24.0	28.0	27.0	31.0	26.0
20	26.0	18.0	11.0	6.0	16.0	18.0	19.0	24.0	28.0	27.0	31.0	26.0
21	26.0	18.0	11.0	8.0	16.0	17.0	20.0	23.0	29.0	28.0	31.0	26.0
22	26.0	20.0	10.0	9.0	14.0	17.0	23.0	25.0	28.0	30.0	31.0	26.0
23	25.0	20.0	5.0	8.0	14.0	18.0	23.0	24.0	28.0	30.0	30.0	26.0
24	22.0	18.0	5.0	9.0	15.0	19.0	21.0	25.0	31.0	30.0	30.0	26.0
25	21.0	17.0	5.0	10.0	15.0	19.0	21.0	27.0	30.0	30.0	28.0	26.0
26	19.0	18.0	4.0	10.0	14.0	20.0	21.0	27.0	30.0	30.0	---	26.0
27	20.0	17.0	8.0	10.0	16.0	20.0	21.0	27.0	30.0	---	29.0	27.0
28	22.0	16.0	9.0	11.0	12.0	17.0	21.0	28.0	29.0	30.0	28.0	25.0
29	22.0	15.0	7.0	11.0	12.0	17.0	21.0	28.0	28.0	29.0	29.0	24.0
30	22.0	15.0	7.0	12.0	---	17.0	21.0	23.0	27.0	29.0	29.0	23.0
31	22.0	---	5.0	12.0	---	17.0	---	21.0	---	31.0	28.0	---
MAX	29.0	25.0	18.0	12.0	19.0	20.0	23.0	28.0	31.0	31.0	31.0	30.0
MIN	19.0	15.0	4.0	5.0	10.0	10.0	16.0	20.0	25.0	25.0	26.0	23.0

295325091313000 BAYOU TECHE AT CHARENTON, LA (CE 64380)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	42	59	17	23	20	21	26	16	15	21	34
2	27	38	52	20	21	20	22	29	15	16	24	34
3	30	37	48	22	24	14	24	24	21	14	15	36
4	35	38	49	18	21	16	23	29	22	15	20	35
5	74	37	40	15	26	21	24	26	16	15	18	33
6	71	36	34	18	25	19	20	26	16	15	18	35
7	51	38	48	15	27	16	26	24	16	16	16	34
8	50	34	44	17	24	16	20	26	16	16	17	34
9	33	76	42	18	26	17	23	26	20	---	18	39
10	30	76	40	18	22	16	20	24	25	---	18	39
11	28	40	40	20	22	15	20	28	28	16	20	35
12	72	59	46	20	19	16	21	26	27	14	18	37
13	34	62	49	20	24	18	22	31	32	16	22	38
14	36	71	47	22	28	21	21	30	32	17	19	37
15	28	76	39	24	27	18	24	30	24	19	21	39
16	43	46	40	25	28	16	21	28	30	18	27	38
17	79	66	---	29	22	16	22	27	24	15	29	38
18	110	74	22	24	24	19	24	20	26	18	34	35
19	87	78	24	28	24	17	24	18	25	16	30	33
20	290	60	18	30	22	19	22	17	18	16	28	35
21	290	48	16	18	23	19	22	18	18	16	30	210
22	370	66	20	18	25	20	24	26	18	13	30	820
23	56	---	20	27	23	19	20	27	18	15	32	1800
24	57	74	20	17	25	19	24	28	18	15	32	1100
25	56	56	20	28	20	21	28	30	18	14	35	430
26	44	76	22	29	17	21	23	30	14	14	---	460
27	43	72	18	27	18	20	37	30	18	---	40	450
28	42	60	16	25	20	22	40	32	21	15	34	300
29	44	62	18	26	19	24	44	32	15	16	34	280
30	41	56	13	25	---	22	31	35	14	14	34	220
31	45	---	24	26	---	21	---	35	---	19	34	---
MAX	370	78	59	30	28	24	44	35	32	19	40	1800
MIN	27	34	13	15	17	14	20	17	14	13	15	33

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA (CE 64450)

LOCATION.--Lat 29°49'23", long 91°32'30", T.14 S., R.9 E., St. Mary Parish, Hydrologic Unit 08080102, about 35 ft southwest of Southern Pacific Railroad bridge and 0.7 mi south of Baldwin.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1958-59, 1975 to September 1984 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: October 1976 to November 1978, March 1980 to September 1984 (discontinued).
CHLORIDE: October 1974 to November 1978, November 1979 to September 1984 (discontinued).

COOPERATION.--Samples collected by the Corps of Engineers and analyzed by the Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURES: Maximum daily, 36.0°C July 11, 1980; minimum daily, 4.0°C Jan. 19, 1977, Jan. 14, 1982, Dec. 30, 1983.
CHLORIDE: Maximum daily, 1,300 mg/L Dec. 9, 1980; minimum daily, 5.0 mg/L Apr. 27, 1980.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURES: Maximum daily, 31.0°C June 24, 25, 27, July 25-28, Aug. 22, 23; minimum daily, 4.0°C Dec. 30.
CHLORIDE: Maximum daily, 1,200 mg/L Sept. 22, 24; minimum daily, 12 mg/L July 5.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.0	22.0	15.0	6.0	10.0	10.0	19.0	24.0	25.0	26.0	30.0	29.0
2	26.0	22.0	16.0	6.0	10.0	12.0	18.0	24.0	23.0	26.0	30.0	29.0
3	27.0	23.0	17.0	6.0	8.0	13.0	17.0	21.0	23.0	26.0	30.0	29.0
4	27.0	23.0	17.0	6.0	11.0	14.0	19.0	23.0	24.0	28.0	30.0	29.0
5	27.0	22.0	17.0	7.0	11.0	15.0	18.0	24.0	25.0	28.0	26.0	27.0
6	25.0	22.0	17.0	7.0	10.0	15.0	18.0	24.0	25.0	28.0	26.0	27.0
7	25.0	21.0	16.0	8.0	9.0	14.0	18.0	24.0	24.0	29.0	27.0	28.0
8	27.0	21.0	15.0	8.0	9.0	15.0	19.0	23.0	24.0	29.0	27.0	27.0
9	27.0	21.0	15.0	8.0	10.0	15.0	19.0	23.0	26.0	30.0	28.0	27.0
10	26.0	20.0	16.0	7.0	10.0	15.0	19.0	23.0	25.0	30.0	28.0	28.0
11	26.0	17.0	16.0	10.0	11.0	15.0	18.0	24.0	25.0	30.0	29.0	28.0
12	25.0	15.0	16.0	9.0	---	14.0	18.0	25.0	24.0	30.0	29.0	28.0
13	24.0	16.0	16.0	9.0	14.0	14.0	20.0	26.0	27.0	30.0	28.0	28.0
14	22.0	18.0	15.0	10.0	16.0	16.0	20.0	27.0	28.0	30.0	28.0	29.0
15	23.0	19.0	13.0	10.0	17.0	17.0	20.0	28.0	29.0	29.0	28.0	30.0
16	23.0	18.0	13.0	10.0	17.0	18.0	19.0	28.0	29.0	29.0	28.0	29.0
17	24.0	17.0	13.0	10.0	19.0	18.0	18.0	28.0	28.0	28.0	---	28.0
18	24.0	17.0	13.0	8.0	19.0	19.0	20.0	24.0	28.0	28.0	30.0	27.0
19	25.0	17.0	12.0	7.0	18.0	19.0	18.0	23.0	28.0	28.0	30.0	26.0
20	25.0	18.0	11.0	6.0	16.0	19.0	22.0	22.0	28.0	28.0	30.0	26.0
21	25.0	18.0	10.0	6.0	14.0	18.0	20.0	23.0	30.0	28.0	30.0	25.0
22	24.0	19.0	10.0	7.0	14.0	17.0	21.0	24.0	30.0	30.0	31.0	25.0
23	23.0	20.0	10.0	7.0	14.0	17.0	22.0	24.0	30.0	30.0	31.0	26.0
24	22.0	19.0	8.0	8.0	15.0	17.0	22.0	25.0	31.0	29.0	30.0	26.0
25	21.0	17.0	7.0	9.0	15.0	18.0	22.0	27.0	31.0	31.0	30.0	26.0
26	20.0	16.0	6.0	9.0	14.0	18.0	19.0	27.0	30.0	31.0	30.0	26.0
27	20.0	16.0	8.0	9.0	12.0	18.0	22.0	27.0	31.0	31.0	30.0	26.0
28	21.0	16.0	8.0	11.0	9.0	17.0	22.0	27.0	30.0	31.0	30.0	26.0
29	21.0	15.0	7.0	11.0	9.0	16.0	23.0	28.0	27.0	30.0	29.0	24.0
30	21.0	14.0	4.0	11.0	---	17.0	23.0	25.0	27.0	29.0	29.0	24.0
31	22.0	---	5.0	11.0	---	20.0	---	24.0	---	25.0	28.0	---
MAX	27.0	23.0	17.0	11.0	19.0	20.0	23.0	28.0	31.0	31.0	31.0	30.0
MIN	20.0	14.0	4.0	6.0	8.0	10.0	17.0	21.0	23.0	25.0	26.0	24.0

07385790 CHARENTON DRAINAGE CANAL AT BALDWIN, LA (CE 64450)--Continued

CHLORIDE, DISSOLVED (MG/L AS CL), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	41	51	30	26	18	30	26	17	16	21	32
2	44	45	54	32	24	19	34	24	15	17	24	34
3	42	38	48	32	23	19	28	25	16	16	24	33
4	38	36	46	22	21	18	24	26	15	16	24	33
5	74	38	47	22	23	16	27	24	16	12	24	36
6	46	37	44	27	23	16	25	25	14	16	18	32
7	42	36	42	24	23	20	22	22	14	15	18	31
8	45	49	44	21	24	18	22	22	15	17	18	31
9	47	35	44	24	25	16	22	24	27	18	19	33
10	44	40	45	21	25	18	21	25	27	20	18	35
11	40	42	45	26	24	18	25	25	27	16	18	33
12	160	78	---	20	21	18	24	26	27	17	20	31
13	39	74	51	22	24	18	26	30	27	17	21	38
14	30	74	40	26	21	21	23	31	30	16	21	38
15	140	57	81	28	23	22	23	30	31	17	18	34
16	140	50	55	26	24	22	24	32	28	14	22	33
17	150	49	56	30	26	20	25	31	26	16	24	33
18	140	74	28	24	28	18	24	19	26	14	26	33
19	120	76	45	30	22	18	22	19	26	13	26	37
20	340	390	46	26	21	18	23	22	22	17	26	52
21	620	380	---	24	20	19	21	25	21	15	26	1100
22	100	380	26	26	18	20	23	23	18	18	26	1200
23	52	380	24	26	20	19	22	32	18	15	30	1100
24	46	260	---	24	24	27	22	25	19	14	30	1200
25	51	74	22	26	20	26	24	27	19	17	35	1100
26	43	76	25	26	18	20	22	33	20	18	36	470
27	45	66	30	22	19	24	49	30	20	17	35	410
28	42	60	18	23	19	24	38	32	24	17	35	360
29	39	64	18	25	19	24	28	33	19	21	40	260
30	41	58	17	23	---	30	24	36	17	18	33	210
31	44	---	34	23	---	33	---	32	---	18	32	---
MAX	620	390	81	32	28	33	49	36	31	21	40	1200
MIN	30	35	17	20	18	16	21	19	14	12	18	31

07386[illegible]00 BAYOU FUSILIER AT WEIR, AT ARNAUDVILLE, LA

LOCATION.--Lat 30°23'55", long 91°56'41", in center of W1/2 lot 45 T.7 S., R.5 E., Louisiana meridian, St. Landry Parish, Hydrologic Unit 08080103, on right bank 95 ft upstream from weir, 0.6 mi west of Arnaudville, and 0.9 mi downstream from point of diversion from Bayou Teche.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1980 to September 1982 (elevation only). October 1982 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is National Geodetic Vertical Datum of 1929 (corrected).

REMARKS.--Bayou Fusilier is a distributary of Bayou Teche into the Vermilion River basin. For other diversions that occur in the Bayou Teche basin above this distributary, see Bayou Teche at Arnaudville (station 07385500). In extreme floods, reverse flow observed.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 21.25 ft Dec. 28, 1982; minimum 9.07 ft June 11, 12, 13, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge 740 ft^3/s Dec. 12; minimum daily (unaffected by backwater), 87 ft^3/s, Oct. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	146	198	212	230	384	245	244	285	386	281	289
2	112	152	158	197	190	360	230	243	282	361	279	292
3	87	156	149	188	182	336	225	247	280	268	281	298
4	98	161	190	189	210	314	262	250	277	281	293	304
5	122	167	247	215	239	298	315	250	275	300	291	293
6	141	173	232	235	246	313	311	248	271	296	267	292
7	155	178	195	223	183	325	297	244	321	291	260	291
8	159	172	187	201	161	328	294	249	381	298	256	288
9	157	185	174	196	178	323	283	252	415	304	259	287
10	154	166	174	402	545	308	307	259	422	293	265	286
11	153	143	670	387	462	284	315	266	422	288	282	284
12	160	139	740	328	513	263	294	267	420	282	289	282
13	156	145	730	278	710	280	285	263	420	273	292	280
14	151	148	710	232	660	294	269	259	419	263	288	278
15	148	156	609	239	546	295	240	257	420	266	291	277
16	145	154	500	295	477	284	219	257	437	266	288	274
17	142	154	450	319	438	263	236	254	471	257	281	272
18	140	154	413	394	413	238	259	250	458	268	274	271
19	137	160	377	410	403	260	255	246	444	277	264	279
20	136	238	331	328	397	365	229	293	436	266	255	287
21	137	244	28[illegible]	253	394	334	229	367	410	261	256	292
22	328	173	253	206	383	312	242	427	385	260	262	302
23	253	200	256	186	371	302	247	420	357	267	288	318
24	145	242	247	239	362	349	254	348	326	282	288	357
25	149	230	228	270	346	390	257	320	303	275	281	371
26	169	202	216	216	356	348	257	300	276	247	280	318
27	166	293	213	239	534	298	256	336	302	212	283	307
28	132	320	245	254	459	256	255	322	312	214	288	304
29	118	300	262	242	410	252	251	303	267	241	285	293
30	127	276	255	218	---	255	248	294	333	265	286	277
31	137	---	232	224	---	253	---	288	---	277	290	---
TOTAL	4658	5727	10124	8015	10998	9464	7866	8823	10827	8585	8623	8843
MEAN	150	191	327	259	379	305	262	285	361	277	278	295
MAX	328	320	740	410	710	390	315	427	471	386	293	371
MIN	87	139	149	186	161	238	219	243	267	212	255	271
AC-FT	9240	11360	20080	15900	21810	18770	15600	17500	21480	17030	17100	17540

CAL YR 1983 TOTAL 124382 MEAN 341 MAX 860 MIN 87 AC-FT 246700
WTR YR 1984 TOTAL 102553 MEAN 280 MAX 740 MIN 87 AC-FT 203400

07386200 BAYOU FUSILIER AT WEIR, AT ARNAUDVILLE, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.66	11.69	12.32	12.47	12.66	14.07	12.82	12.81	13.20	14.08	13.17	13.25
2	11.23	11.77	11.85	12.31	12.23	13.87	12.67	12.80	13.18	13.88	13.15	13.27
3	10.84	11.83	11.73	12.21	12.14	13.67	12.61	12.84	13.16	13.04	13.17	13.33
4	11.02	11.89	12.22	12.22	12.45	13.47	12.98	12.87	13.13	13.17	13.28	13.38
5	11.38	11.96	12.84	12.50	12.76	13.33	13.40	12.87	13.11	13.34	13.26	13.28
6	11.64	12.03	12.68	12.72	12.82	13.46	13.44	12.85	13.00	13.31	13.04	13.27
7	11.81	12.09	12.28	12.59	12.14	13.57	13.32	12.81	13.53	13.26	12.97	13.26
8	11.86	12.02	12.20	12.35	11.89	13.59	13.29	12.85	14.04	13.33	12.93	13.24
9	11.84	12.17	12.04	12.29	12.06	13.55	13.19	12.89	14.31	13.38	12.96	13.23
10	11.80	11.95	12.04	14.20	15.25	13.41	13.41	12.95	14.36	13.28	13.02	13.21
11	11.78	11.66	16.15	14.08	14.66	13.19	13.48	13.02	14.36	13.24	13.18	13.20
12	11.88	11.60	17.19	13.59	14.97	13.00	13.29	13.03	14.35	13.18	13.25	13.18
13	11.83	11.69	16.98	13.14	16.58	13.16	13.21	13.00	14.35	13.09	13.27	13.16
14	11.76	11.72	16.50	12.69	16.09	13.29	13.05	12.96	14.34	12.99	13.24	13.14
15	11.72	11.83	15.67	12.75	15.26	13.29	12.77	12.94	14.35	13.03	13.36	13.13
16	11.68	11.80	14.94	13.30	14.78	13.20	12.55	12.93	14.48	13.03	13.24	13.10
17	11.65	11.80	14.57	13.51	14.49	13.00	12.73	12.91	14.73	12.94	13.17	13.09
18	11.61	11.80	14.29	14.14	14.30	12.75	12.96	12.87	14.64	13.05	13.10	13.08
19	11.58	11.87	14.01	14.27	14.21	12.95	12.92	12.83	14.53	13.13	13.01	13.15
20	11.57	12.75	13.62	13.59	14.17	13.91	12.65	13.26	14.47	13.02	12.92	13.23
21	11.58	12.81	13.19	12.89	14.14	13.65	12.66	13.93	14.27	12.97	12.93	13.27
22	13.55	12.03	12.89	12.41	14.06	13.45	12.78	14.40	14.07	12.96	12.98	13.36
23	12.88	12.33	12.93	12.19	13.96	13.36	12.84	14.35	13.84	13.04	13.23	13.51
24	11.68	12.79	12.84	12.75	13.88	13.76	12.91	13.77	13.57	13.18	13.23	13.84
25	11.73	12.66	12.64	13.07	13.75	14.11	12.94	13.52	13.37	13.11	13.16	13.96
26	11.98	12.36	12.52	12.52	13.83	13.76	12.94	13.34	13.12	12.84	13.16	13.50
27	11.94	13.18	12.48	12.75	15.18	13.33	12.92	13.66	13.36	12.48	13.19	13.41
28	11.51	14.82	12.82	12.91	14.64	12.93	12.92	13.53	13.45	12.50	13.23	13.38
29	11.32	14.15	12.99	12.78	14.27	12.89	12.88	13.37	13.03	12.77	13.21	13.28
30	11.44	13.12	12.91	12.54	---	12.92	12.85	13.29	13.64	13.02	13.21	13.13
31	11.58	---	12.69	12.60	---	12.90	---	13.23	---	13.13	13.25	---
MAX	13.55	14.82	17.19	14.27	16.58	14.11	13.48	14.40	14.73	14.08	13.36	13.96
MIN	10.84	11.60	11.73	12.19	11.89	12.75	12.55	12.80	13.03	12.48	12.92	13.08

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07386700 RUTH CANAL NEAR RUTH, LA

LOCATION.--Lat 30°14'35", long 91°53'0[illegible]", in NE1/4NW1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, near center of span on downstream side of bridge on State Highway 31, 1,200 ft above control structure, 1,500 ft downstream from point of diversion from Bayou Teche, 0.4 mi northwest of Ruth, and 2.2 mi south of town of Breaux Bridge.

PERIOD OF RECORD.--August 1959 to current year. Elevations only May 1945 to June 1946 (fragmentary), January 1947 to September 1960 in reports of Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Auxiliary water-stage recorder 150 ft below control structure at same datum. Since July 12, 1973, water-stage recorder for Ruth Canal at Ruth (station 07386705) used as auxiliary gage for this station. Nov. 4, 1965 to July 11, 1973, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records fair. Total flow through control structure diverted from Bayou Teche for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 802 ft^3/s Apr. 21, 1966; maximum daily reverse flow, 13 ft^3/s May 28, 1980 (backwater from Vermilion River); minimum daily (unaffected by backwater), 0.03 ft^3/s June 1, 1982.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	417	272	186	221	261	255	414	486	491	468	479	166
2	296	270	190	221	259	260	408	497	494	476	479	173
3	199	269	200	222	253	332	398	495	496	472	481	174
4	224	269	185	225	254	332	406	499	498	479	481	171
5	226	270	202	229	264	328	421	501	497	488	483	173
6	240	266	207	234	271	378	424	500	495	491	478	174
7	273	262	211	234	270	384	420	497	493	493	465	173
8	305	263	215	231	266	388	413	492	501	494	460	172
9	303	263	214	222	264	389	406	503	508	492	464	172
10	303	264	215	138	212	386	416	508	510	475	474	174
11	301	266	193	152	202	385	439	509	509	479	486	160
12	285	264	214	168	197	380	465	506	509	487	487	142
13	288	260	208	185	189	379	489	503	509	491	488	144
14	292	258	195	202	187	384	488	547	510	486	488	128
15	290	254	185	203	177	382	489	556	510	486	491	107
16	290	259	176	199	181	381	491	558	513	488	491	108
17	288	259	174	211	188	380	493	556	515	491	490	107
18	287	252	181	177	208	379	496	549	514	489	491	105
19	286	248	192	157	224	375	494	545	509	487	491	104
20	282	203	200	161	244	342	488	517	506	488	488	136
21	281	212	196	175	256	329	476	512	503	489	486	168
22	256	222	197	197	263	324	480	515	502	491	488	163
23	229	219	212	208	271	404	487	534	500	493	478	154
24	236	198	216	222	277	486	494	448	502	491	473	149
25	256	213	224	202	283	489	495	433	501	488	481	150
26	271	220	226	192	282	492	489	447	500	485	487	126
27	277	200	217	210	221	488	482	454	500	475	488	99
28	275	167	198	227	222	450	484	463	500	456	484	103
29	274	180	189	243	235	410	486	475	500	466	486	107
30	275	180	214	249	---	415	480	490	489	468	485	108
31	274	---	221	256	---	415	---	492	---	477	318	---
TOTAL	8579	7202	6253	6373	6881	11901	13811	15587	15084	14979	14789	4290
MEAN	277	240	202	206	237	384	460	503	503	483	477	143
MAX	417	272	226	256	283	492	496	558	515	494	491	174
MIN	199	167	174	138	177	255	398	433	489	456	318	99
AC-FT	17020	14290	12400	12640	13650	23610	27390	30920	29920	29710	29330	8510

CAL YR 1983 TOTAL 92077.49 MEAN 252 MAX 576 MIN .00 AC-FT 182600
WTR YR 1984 TOTAL 125729 MEAN 344 MAX 558 MIN 99 AC-FT 249400

07386700 RUTH CANAL NEAR RUTH, LA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.80	9.11	9.49	9.23	9.38	10.26	9.26	8.98	9.15	9.62	9.04	10.09
2	8.65	9.11	9.27	9.17	9.32	10.05	9.28	9.05	9.14	9.53	9.04	10.17
3	8.75	9.14	9.18	9.11	9.25	9.73	9.23	9.06	9.13	9.30	9.07	10.16
4	9.14	9.16	9.26	9.11	9.32	9.67	9.22	9.02	9.13	9.15	9.11	10.22
5	9.25	9.16	9.40	9.16	9.40	9.56	9.37	9.06	9.12	9.18	9.20	10.17
6	9.34	9.21	9.57	9.26	9.43	9.48	9.44	9.13	9.13	9.17	9.08	10.15
7	9.37	9.25	9.23	9.26	9.29	9.57	9.44	9.14	9.17	9.14	9.03	10.16
8	9.26	9.20	9.12	9.20	9.13	9.68	9.52	9.10	9.34	9.11	9.03	10.16
9	9.24	9.22	9.07	9.42	9.22	9.64	9.43	9.04	9.51	9.19	9.03	10.15
10	9.23	9.16	9.14	10.33	10.37	9.60	9.33	9.06	9.57	9.19	9.00	10.16
11	9.24	9.05	10.42	10.15	10.46	9.55	9.29	9.08	9.58	9.17	9.10	10.23
12	9.62	9.03	11.25	10.01	10.71	9.51	9.20	9.06	9.56	9.13	9.13	10.22
13	9.38	9.08	11.31	9.74	11.16	9.52	9.13	9.03	9.54	9.13	9.06	10.21
14	9.23	9.09	11.19	9.50	11.12	9.58	9.04	9.18	9.53	9.14	9.03	10.28
15	9.21	9.07	10.96	9.48	10.87	9.60	8.94	9.21	9.53	9.11	9.06	10.29
16	9.20	9.06	10.65	9.66	10.74	9.57	8.83	9.21	9.65	9.04	9.03	10.28
17	9.20	9.07	10.41	9.88	10.59	9.51	8.80	9.23	9.80	8.99	8.99	10.28
18	9.18	9.12	10.17	10.36	10.47	9.46	8.89	9.25	9.80	9.00	8.95	10.28
19	9.16	9.21	9.93	10.32	10.35	9.51	8.99	9.28	9.72	9.10	8.92	10.25
20	9.17	9.59	9.72	10.05	10.26	9.83	8.99	9.59	9.67	9.04	8.91	10.11
21	9.17	9.60	9.56	9.71	10.20	9.65	9.01	9.90	9.58	8.98	8.89	10.16
22	10.35	9.39	9.37	9.41	10.14	9.41	8.98	10.28	9.46	8.96	8.90	10.20
23	10.01	9.48	9.32	9.26	10.09	9.25	8.94	10.30	9.36	8.96	9.02	10.28
24	9.44	9.64	9.21	9.56	10.01	9.20	8.96	9.73	9.25	8.99	9.11	10.31
25	9.20	9.55	9.16	9.95	9.97	9.45	9.00	9.54	9.16	9.06	9.05	10.39
26	9.21	9.39	9.17	9.60	10.21	9.42	9.08	9.42	9.07	8.99	9.04	10.36
27	9.23	9.60	9.27	9.45	10.90	9.29	9.10	9.42	9.18	8.87	9.12	10.37
28	9.15	10.25	9.50	9.49	10.62	9.24	9.06	9.45	9.32	9.04	9.22	10.36
29	9.03	10.22	9.42	9.49	10.41	9.27	9.10	9.30	9.29	9.18	9.12	10.32
30	9.02	9.86	9.38	9.38	---	9.26	9.02	9.22	9.44	9.04	9.13	10.27
31	9.07	---	9.31	9.35	---	9.27	---	9.17	---	9.03	9.39	---
MAX	10.35	10.25	11.31	10.36	11.16	10.26	9.52	10.30	9.80	9.62	9.39	10.39
MIN	8.65	9.03	9.07	9.11	9.13	9.20	8.80	8.98	9.07	8.87	8.89	10.09

07386705 RUTH CANAL AT RUTH, LA

LOCATION.--Lat 30°14'34", long 91°53'05", NW1/4NE1/4 lot 95, T. 9 S., R. 6 E., St. Martin Parish, Hydrologic Unit 08080103, on right bank 150 ft downstream from control structure, 0.5 mi northwest of Ruth, 0.6 mi downstream from point of diversion from Bayou Teche, and 2.5 mi south of town of Breaux Bridge.

PERIOD OF RECORD.--October 1979 to current year (elevations only). Unpublished records, August 1959 to September 1979, available in files of Baton Rouge district office. Daily elevations from January 1938 to December 1944 and since January 1946, in reports of Corps of Engineers, New Orleans district.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Nov. 4, 1965 to July 11, 1973, nonrecording gage at same site and datum.

REMARKS.--Total flow through control structure diverted from Bayou Teche. Diversions are for irrigation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation since January 1938, 18.5 ft Aug. 1940.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 13.14 ft May 20, 21, 1980; minimum observed, 0.30 ft Dec. 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATION AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.36	4.33	5.00	4.48	4.30	5.82	5.15	5.94	6.07	6.88	6.16	4.32
2	5.22	4.38	5.69	4.43	4.21	5.27	5.19	5.85	6.04	6.66	6.07	3.84
3	5.15	4.43	5.26	4.35	4.34	5.44	5.45	5.92	5.97	6.52	6.05	3.49
4	3.62	4.45	5.66	4.31	4.46	5.30	5.28	5.83	5.95	6.23	6.14	4.00
5	3.71	4.41	5.48	4.30	4.33	5.30	5.14	5.81	5.94	6.14	6.11	3.86
6	3.68	4.40	5.54	4.28	4.14	5.04	5.14	5.88	5.97	6.10	6.12	3.49
7	3.70	4.67	4.97	4.35	4.03	4.84	5.20	5.98	6.04	6.03	6.24	3.55
8	4.33	4.51	4.72	4.34	4.00	5.01	5.51	6.05	6.07	5.96	6.25	3.67
9	4.35	4.46	4.60	4.32	4.04	4.97	5.50	5.81	6.18	6.06	6.27	3.81
10	4.30	4.41	4.54	7.51	6.90	4.96	5.61	5.76	6.26	6.23	6.14	3.70
11	4.29	4.14	6.39	7.17	7.19	4.96	5.90	5.71	6.27	6.22	6.07	3.35
12	4.86	4.04	6.91	6.75	7.00	4.99	6.15	5.75	6.29	6.11	6.11	3.36
13	4.99	4.19	7.06	6.22	8.22	5.09	6.06	5.78	6.26	6.03	6.01	3.16
14	4.42	4.25	7.20	5.60	8.19	5.01	5.99	5.32	6.23	6.04	6.01	2.76
15	4.45	4.34	7.10	5.39	8.18	5.05	5.91	5.24	6.23	6.10	5.96	2.64
16	4.40	4.25	6.92	5.82	8.02	5.06	5.77	5.22	6.25	6.03	5.97	2.36
17	4.42	4.10	6.70	5.58	7.73	5.00	5.68	5.30	6.48	5.92	5.93	2.41
18	4.43	4.39	6.31	6.74	7.22	4.93	5.70	5.38	6.47	5.84	5.85	2.80
19	4.37	4.44	5.81	7.39	6.72	4.98	5.85	5.43	6.47	6.05	5.82	2.69
20	4.51	6.14	5.33	7.08	6.11	6.29	5.92	5.74	6.44	6.03	5.83	3.42
21	4.57	5.96	5.14	6.50	5.68	6.50	6.11	7.25	6.38	5.94	5.85	3.77
22	6.75	5.41	5.05	5.77	5.40	6.21	6.13	7.08	6.27	5.87	5.84	4.36
23	7.04	5.15	4.59	5.33	5.11	6.17	5.91	6.61	6.18	5.82	5.94	5.52
24	6.20	6.18	4.41	5.10	4.86	6.20	5.84	7.17	6.03	5.83	6.38	5.75
25	5.29	5.73	4.17	6.20	4.63	6.40	5.83	7.17	5.95	5.96	6.14	5.92
26	4.74	5.25	4.09	6.18	4.60	6.36	5.99	6.92	5.88	5.99	6.01	5.50
27	4.53	5.12	4.33	5.63	7.37	6.26	6.14	6.70	5.86	5.94	5.97	4.49
28	4.43	7.27	5.10	5.25	7.05	6.14	6.08	6.74	6.10	6.22	6.20	3.64
29	4.31	7.03	5.44	4.89	6.56	5.29	6.03	6.44	6.06	6.44	6.12	2.94
30	4.20	6.60	4.86	4.63	---	5.10	6.09	6.16	6.08	6.28	6.02	2.39
31	4.23	---	4.52	4.35	---	5.13	---	6.05	---	6.14	6.53	---
MAX	7.04	7.27	7.20	7.51	8.22	6.50	6.15	7.25	6.48	6.88	6.53	5.92
MIN	3.62	4.04	4.09	4.28	4.00	4.84	5.14	5.22	5.86	5.82	5.82	2.36

07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA

LOCATION.--Lat 30°13'02", long 91°59'34", on line between lots 76 and 142, T. 9 S., R. 5 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on Surrey Street at Lafayette, 0.6 mi north of Lafayette Airport, and 1.4 mi upstream from Coulee des Poches.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.07 ft below mean low Gulf level or 2.85 ft below National Geodetic Vertical Datum of 1929. Prior to 1982, datum of gage was 1.53 ft below mean low Gulf or 2.31 ft below National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Water-stage recorder for Vermilion River at State Highway 3073, near Lafayette (station 07386935) used as auxiliary gage for this station.

REMARKS.--Records fair above 1,000 ft^3/s and poor below. No gage-height record for the period Oct. 1 to Nov. 8. Discharges are affected by tide at all stages; diversions above and below station for irrigation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	1250	693	784	1460	723	850	907	1440	879	699
2	---	---	1130	615	677	1280	377	659	881	1420	808	583
3	---	---	972	610	635	1150	730	693	860	1300	714	608
4	---	---	1140	538	867	938	865	836	790	1170	806	772
5	---	---	1120	532	785	912	786	639	713	1080	833	713
6	---	---	987	488	742	962	718	537	625	1030	835	493
7	---	---	1070	546	531	813	619	543	672	989	1040	388
8	---	---	721	511	369	807	671	890	741	928	1070	336
9	---	578	621	201	394	813	907	946	825	979	1040	420
10	---	617	336	1060	1550	701	879	839	873	1130	979	382
11	---	565	632	1850	1780	720	719	723	937	1120	893	363
12	---	290	1700	1760	1520	564	747	785	997	1020	905	446
13	---	383	1770	1580	1920	744	892	781	1010	999	886	409
14	---	411	1870	1340	2290	751	907	754	1010	981	886	335
15	---	450	1870	1140	2280	678	934	719	992	913	857	284
16	---	602	1800	1380	2240	715	833	644	1030	868	873	320
17	---	574	1720	1170	2150	720	780	574	1070	756	868	188
18	---	362	1570	1160	1960	602	722	518	1130	807	847	209
19	---	694	1380	1880	1790	601	689	460	1170	869	807	180
20	---	998	1200	1900	1580	1400	635	298	1200	887	777	209
21	---	1150	893	1690	1420	1380	462	980	1180	868	770	174
22	---	790	951	1410	1270	1220	870	1220	1090	820	769	183
23	---	884	840	1160	1150	997	947	1510	1050	757	923	776
24	---	1300	782	958	1020	1020	850	1810	1000	758	1140	1150
25	---	1220	507	1040	918	1230	702	1690	934	823	968	1270
26	---	824	461	1480	574	1170	545	1520	766	831	870	1150
27	---	930	347	1330	1320	987	606	1480	777	877	951	904
28	---	1530	872	1180	1790	1020	801	1440	967	1140	1010	685
29	---	1790	1220	1060	1660	909	567	1320	861	1150	941	580
30	---	1640	1010	949	---	770	840	1160	1060	1120	833	414
31	---	---	796	862	---	718	---	975	---	955	1010	---
TOTAL	---	---	33538	34073	37966	28752	22323	28793	28113	30785	27788	15623
MEAN	---	---	1082	1099	1309	927	744	929	937	993	896	521
MAX	---	1790	1870	1900	2290	1460	947	1810	1200	1440	1140	1270
MIN	---	---	336	201	369	564	377	298	625	756	714	174

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07386880 VERMILION RIVER AT SURREY STREET, AT LAFAYETTE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	6.99	4.65	4.66	6.53	4.57	5.46	5.67	6.85	5.88	5.53
2	---	---	6.65	4.61	4.64	6.05	5.33	5.62	5.55	6.62	5.85	4.98
3	---	---	6.13	4.45	5.08	5.78	5.53	5.73	5.43	6.41	5.86	4.78
4	---	---	6.41	4.38	4.92	5.70	4.82	5.34	5.40	5.99	5.94	5.09
5	---	---	6.17	4.34	4.63	5.66	4.20	5.45	5.55	5.77	5.97	4.83
6	---	---	6.21	4.35	4.07	4.92	4.34	5.77	5.75	5.63	5.96	4.64
7	---	---	5.48	4.36	3.89	4.57	4.84	6.01	5.93	5.52	6.10	4.87
8	---	---	5.19	4.48	3.95	4.80	5.60	5.91	5.92	5.44	6.23	5.08
9	---	4.86	5.08	5.48	4.63	4.65	5.39	5.14	6.00	5.62	6.13	5.10
10	---	4.36	4.98	8.61	7.55	4.86	5.22	5.06	6.09	5.98	5.78	5.00
11	---	3.63	7.39	7.79	7.61	4.83	5.57	5.15	6.12	5.96	5.58	4.74
12	---	3.88	7.50	7.51	8.54	5.26	5.84	5.18	6.05	5.70	5.57	4.60
13	---	4.41	7.67	7.02	9.02	5.25	5.64	5.08	5.97	5.54	5.35	4.31
14	---	4.46	7.81	6.32	8.84	5.01	5.44	4.94	5.87	5.88	5.32	4.05
15	---	4.43	7.73	6.46	8.83	5.24	4.91	4.69	5.85	5.66	5.34	4.02
16	---	3.71	7.59	6.57	8.77	5.25	4.33	4.73	6.08	5.31	5.20	3.59
17	---	4.28	7.36	6.63	8.49	5.14	4.17	4.96	6.33	5.05	5.11	4.11
18	---	4.77	6.95	8.13	8.10	5.08	4.54	5.38	6.27	5.23	4.93	4.62
19	---	5.59	6.37	8.18	7.58	5.47	5.16	5.59	6.31	5.40	4.87	4.49
20	---	7.01	5.83	7.84	6.92	6.57	5.49	7.26	6.21	5.41	5.08	4.95
21	---	6.43	5.82	7.23	6.41	6.31	6.12	8.17	6.05	5.37	5.15	5.68
22	---	6.17	5.52	6.58	6.12	6.11	5.75	8.08	5.84	5.23	5.15	6.34
23	---	6.73	4.88	6.18	5.74	6.03	5.12	8.38	5.72	5.12	5.07	6.89
24	---	6.75	4.25	6.25	5.44	5.93	4.82	7.84	5.38	5.28	5.85	7.00
25	---	6.26	3.41	7.36	5.04	6.01	5.08	7.60	5.19	5.51	5.61	6.95
26	---	6.10	3.73	7.02	5.79	5.98	5.80	7.19	5.07	5.58	5.47	6.54
27	---	7.35	4.95	6.41	8.30	6.00	6.02	6.96	5.42	5.71	5.52	5.72
28	---	8.00	5.99	5.90	7.56	5.65	5.79	6.81	5.71	6.37	5.78	4.92
29	---	7.60	5.84	5.51	7.14	4.60	6.03	6.26	5.68	6.40	5.63	4.10
30	---	7.34	4.99	5.16	---	4.21	5.81	5.69	6.25	6.15	5.74	3.48
31	---	---	4.68	4.72	---	4.46	---	5.64	---	5.83	6.40	---
MAX	---	8.00	7.81	8.61	9.02	6.57	6.12	8.38	6.33	6.85	6.40	7.00
MIN	---	---	3.41	4.34	3.89	4.21	4.17	4.69	5.07	5.05	4.87	3.48

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA

LOCATION.--Lat 30°09'45", long 92°03'20", between lots 68 and 69, T. 10 S., R. 4 E., Lafayette Parish, Hydrologic Unit 08080103, at bridge on State Highway 3073, 4.1 mi downstream from Coulee Mine, 4.8 mi southwest of Central School at Lafayette, and 7.8 mi downstream from gaging station Vermilion River at Surrey Street, at Lafayette (station 07386880).

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1975 to current year (gage height only). Unpublished records October 1967 to September 1975 available in files of Baton Rouge district office.

GAGE.--Water-stage recorder. Datum of gage is 1.54 ft below mean low Gulf level, or 2.32 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage heights affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 17.90 ft May 16, 1980; minimum, not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 6, 1972, reached a stage of 15.63 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.24 ft Feb. 12; minimum, not determined.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.80	4.63	5.63	4.24	4.11	4.70	3.83	4.43	4.70	5.68	5.30	5.20
2	4.34	4.94	6.13	4.47	4.36	4.74	4.79	4.87	4.63	5.12	5.37	4.64
3	4.38	4.89	5.57	4.28	5.00	4.61	5.17	5.35	4.57	5.28	5.45	4.56
4	4.26	4.68	5.80	4.26	4.13	4.83	4.08	4.47	4.58	4.87	5.55	4.29
5	4.24	4.41	5.52	4.24	4.08	5.14	3.12	4.57	4.97	4.79	5.49	4.02
6	4.04	5.02	5.94	4.38	3.18	3.85	3.24	5.23	5.31	4.80	5.22	3.81
7	4.17	5.44	4.37	4.16	3.42	3.17	3.91	5.67	5.68	4.71	5.20	4.31
8	4.49	4.78	5.03	4.47	3.74	3.96	5.28	5.66	5.58	4.55	4.92	4.55
9	4.53	5.19	5.03	4.66	4.09	3.72	4.63	4.06	5.51	4.46	5.18	4.67
10	4.53	4.16	5.04	8.81	6.75	4.32	4.35	4.35	5.47	4.64	4.71	4.62
11	4.88	3.13	7.92	6.16	6.09	4.17	5.15	4.80	5.32	4.68	4.52	4.36
12	6.77	3.62	6.16	5.95	6.41	4.89	5.65	4.65	5.07	4.47	4.71	4.39
13	5.04	4.60	6.06	5.73	8.26	4.94	5.14	4.30	4.93	4.42	4.39	4.18
14	4.42	4.58	6.18	5.00	6.90	4.47	4.98	4.11	4.82	4.53	4.43	4.12
15	5.01	4.72	5.86	5.75	7.00	5.03	3.96	3.72	4.87	4.85	4.60	4.13
16	4.84	3.03	5.87	5.48	7.08	5.00	3.02	3.84	4.86	4.53	4.43	3.45
17	4.99	3.71	5.76	5.27	6.56	4.75	3.00	4.10	5.42	4.31	4.49	4.34
18	4.76	4.76	5.60	7.52	6.50	4.36	3.35	4.78	5.45	4.24	4.31	4.90
19	4.74	5.10	5.09	6.97	6.05	4.90	4.23	5.02	5.37	4.70	4.28	4.68
20	5.10	7.06	4.67	5.90	5.20	5.37	4.57	6.29	5.15	4.72	4.32	4.79
21	5.11	5.82	5.52	5.47	4.70	4.30	5.92	8.14	4.95	4.89	4.55	5.38
22	6.57	6.06	5.03	5.27	4.82	4.79	5.44	7.40	4.80	4.89	4.47	5.86
23	6.40	6.30	4.33	5.35	4.54	5.24	4.30	7.89	4.83	4.46	4.09	6.61
24	5.66	6.03	3.37	5.14	4.58	5.31	3.93	6.47	4.30	4.63	4.51	6.23
25	5.13	5.16	---	7.18	4.07	4.78	4.33	6.33	4.07	4.57	4.45	6.08
26	4.27	5.86	3.08	5.99	5.07	4.82	5.66	6.06	4.09	4.62	4.47	5.84
27	4.53	6.09	5.03	5.37	8.28	5.45	5.98	5.59	4.13	4.53	4.41	5.35
28	4.78	7.41	5.67	4.87	5.75	5.09	5.32	5.47	4.69	5.03	4.95	4.75
29	4.52	5.97	4.58	4.61	4.92	3.31	5.84	4.97	4.42	5.52	4.94	3.82
30	4.35	6.10	3.37	4.44	---	3.06	5.35	4.13	4.95	5.21	4.81	3.26
31	4.39	---	4.02	3.92	---	3.67	---	4.39	---	5.02	6.06	---
MAX	6.77	7.41	7.92	8.81	8.28	5.45	5.98	8.14	5.68	5.68	6.06	6.61
MIN	4.04	3.03	---	3.92	3.18	3.06	3.00	3.72	4.07	4.24	4.09	3.26

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1971 to September 1981.
pH: October 1976 to September 1981.
WATER TEMPERATURES: October 1970 to September 1981.
DISSOLVED OXYGEN: November 1970 to September 1981.

INSTRUMENTATION.--Water-quality monitor October 1970 to September 1981.

REMARKS.--Upper limit of dissolved oxygen sensor, 15.0 mg/L.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 1,140 micromhos Sept. 25, 1972; minimum, 20 micromhos Sept. 6, 1973, Feb. 6, 1976.
pH: Maximum, 8.1 units July 30, 1980; minimum, 5.5 units May 17, 18, 1980.
WATER TEMPERATURES: Maximum, 35.5° C June 27, 28, 1973, July 20, Aug. 18, 1981; minimum, 3.5° C Jan. 12, Feb. 11, 1973, Jan. 21, 1978.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L Sept. 11, 12, 22, 1972, Jan. 30, 1973; minimum, 0.0 mg/L on several days during summer months in 1973-75, 1977-79, 1981.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
05...	1000	191	6.4	24.5	50	5.0	5.4	2.9	1100
JAN									
04...	1100	151	6.2	5.0	120	30	9.7	5.3	1000
APR									
10...	0930	143	7.5	20.5	120	85	5.5	3.0	K250
JUL									
03...	1000	109	7.1	26.5	80	120	4.5	3.8	K3600

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
05...	5200	56	14	5.1	15	3.4	57	16	13
JAN									
04...	1300	44	11	4.0	10	3.5	38	13	12
APR									
10...	280	44	11	4.1	9.2	2.3	41	7.8	11
JUL									
03...	K7800	29	7.4	2.5	8.0	2.5	29	5.0	9.4

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
05...	.1	15	119	116	.4	1.0	.52
JAN							
04...	<.1	10	110	86	.3	1.4	.46
APR							
10...	<.1	7.7	84	78	.4	2.3	.03
JUL							
03...	<.1	6.0	77	58	.7	1.3	.58

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

07386935 VERMILION RIVER AT STATE HIGHWAY 3073, NEAR LAFAYETTE, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DIS- SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS)	CADMIUM DIS- SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	CHRO- MIUM, HEXA- VALENT, DIS. (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT											
05...	2	1	<1	1	15	<1	2	20	130	8600	2

DATE	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG)	ZINC, DIS- SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
05...	30	130	300	<.1	.11	6	86	8.4	<.01	<1	<.1

DATE	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	CHLOR- DANE, TOTAL (UG/L)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT											
05...	10	<.1	<1	<.01	<.1	<.1	53	<.01	16	<.01	4.8

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- AZINON, TOTAL (UG/L)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	DI- ELDRIN TOTAL (UG/L)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDO- SULFAN, TOTAL (UG/L)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT										
05...	<.01	.3	.06	<.1	<.01	2.5	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR, TOTAL (UG/L)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	MALA- THION, TOTAL (UG/L)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH- OXY- CHLOR, TOTAL (UG/L)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA- THION, TOTAL (UG/L)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI- THION, TOTAL (UG/L)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	PARA- THION, TOTAL (UG/L)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)
OCT										
05...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PER- THANE TOTAL (UG/L)	PER- THANE IN BOTTOM MATL. (UG/KG)	TOX- APHENE, TOTAL (UG/L)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	TOTAL TRI- THION (UG/L)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
05...	<.1	<1	<1	<10	<.01	<.1	.02	<.01	.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

07386980 VERMILION RIVER AT PERRY, LA

LOCATION.--Lat 29°57'04", long 92°09'22", on line between lots 60 and 61, T.12 S., R.3 E., Vermilion Parish, Hydrologic Unit 08080103, at bridge on State Highway 82 at Perry, 2.0 mi south of Abbeville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1978 to current year (gage heights only). Unpublished gage-height records, August 1960 to September 1978, available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA 80-3: 1979.

GAGE.--Water-stage recorder. Datum of gage is 3.34 ft below National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways). Prior to 1982 datum of gage 2.95 ft below.

REMARKS.--Gage height affected by tide at all stages.

EXTREMES FOR PERIOD OF RECORD.--Maximum and minimum gage heights not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.90 ft May 20; minimum 0.66 ft Dec. 25.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.20	5.20	4.81	4.10	3.92	3.76	4.05	4.95	4.30	4.30	4.89	---
2	4.90	5.40	5.58	4.45	4.50	4.24	5.40	5.39	3.99	3.87	5.12	---
3	4.96	5.34	5.24	4.28	5.11	4.45	4.92	5.47	3.84	4.03	5.84	---
4	4.96	5.00	4.94	4.32	3.71	5.01	3.26	3.65	3.95	3.99	5.55	---
5	4.91	4.41	5.06	4.26	3.74	5.01	2.02	4.46	4.55	4.24	5.74	---
6	4.46	5.61	5.20	4.72	2.65	2.76	2.61	5.09	5.09	4.53	5.56	---
7	4.71	5.50	3.91	4.16	3.22	2.90	3.48	5.54	5.57	4.78	5.41	---
8	4.81	5.01	4.92	4.51	3.68	3.41	4.94	5.30	5.72	4.85	5.08	---
9	4.71	5.31	5.18	4.81	4.15	3.11	3.92	3.15	5.80	4.72	5.07	---
10	4.75	3.82	5.28	6.71	4.71	4.01	3.81	3.92	5.81	4.86	4.57	---
11	5.32	3.18	6.41	3.51	4.44	3.76	5.00	5.10	5.60	4.66	4.25	---
12	5.88	4.44	4.30	4.64	5.40	4.90	5.71	5.01	5.23	4.32	4.23	---
13	4.08	5.05	5.55	4.40	5.91	4.68	5.16	4.73	4.72	4.28	3.83	---
14	4.96	4.81	4.31	3.88	4.81	4.24	5.18	4.39	4.27	4.07	4.07	4.21
15	5.54	4.76	4.40	4.91	5.58	5.12	3.34	3.81	4.05	4.11	4.22	4.42
16	5.42	2.74	4.70	4.41	5.61	5.21	2.00	3.82	4.04	3.91	4.06	3.68
17	5.51	4.22	4.22	4.64	4.95	5.11	2.11	3.78	4.72	3.73	4.18	4.97
18	5.34	5.01	4.50	6.20	5.74	5.02	2.96	4.55	4.58	3.79	4.02	5.49
19	5.25	5.26	3.91	4.50	4.82	5.38	4.00	4.85	4.53	4.04	4.32	5.35
20	5.61	5.94	4.11	4.31	3.88	3.82	4.38	5.87	4.33	4.38	4.80	5.54
21	5.64	5.48	5.51	3.66	3.26	2.50	6.18	7.32	4.24	4.78	4.95	6.11
22	5.55	6.20	4.50	4.68	3.78	3.50	4.95	6.25	4.40	4.93	4.94	6.49
23	4.61	6.71	4.50	4.91	3.50	4.61	3.55	6.94	4.44	4.81	4.47	6.36
24	4.76	5.01	2.81	4.50	3.90	4.70	3.41	5.30	4.25	5.08	4.16	6.13
25	4.75	5.04	1.32	5.80	3.35	3.74	4.37	5.44	4.07	5.03	4.40	5.87
26	3.95	6.14	3.68	4.74	5.11	4.05	5.76	5.62	4.44	4.92	4.44	5.57
27	4.81	6.30	5.38	4.41	6.40	5.01	5.90	5.27	4.47	4.70	4.14	4.82
28	5.11	5.50	5.26	4.10	3.31	4.61	5.26	5.25	4.36	4.68	4.33	4.37
29	4.81	4.58	2.90	3.98	2.26	1.60	6.31	4.30	4.00	4.54	---	3.45
30	4.94	5.40	1.81	4.16	---	3.26	5.51	3.02	3.87	4.29	---	3.47
31	4.91	---	4.01	3.66	---	4.01	---	4.05	---	4.30	---	---
MAX	5.88	6.71	6.41	6.71	6.40	5.38	6.31	7.32	5.81	5.08	5.84	6.49
MIN	3.95	2.74	1.32	3.51	2.26	1.60	2.00	3.02	3.84	3.73	3.83	3.45

08010000 BAYOU DES CANNES NEAR EUNICE, LA

LOCATION.--Lat 30°29'00", long 92°29'25", in SW1/4SE1/4 sec.32, T.6 S., R.1 W., Louisiana meridian, Evangeline Parish, Hydrologic Unit 08080201, on left bank at downstream side of bridge on U.S. Highway 190, 3.0 mi downstream from Missouri Pacific Railroad bridge, and 4.0 mi west of Eunice.

DRAINAGE AREA.--131 mi^2.

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WSP 1242: 1950(P).

GAGE.--Water-stage recorder. Datum of gage is 14.84 ft National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Jan. 17, 1940, nonrecording gage at same site and datum. Auxiliary water-stage recorder 1.8 mi downstream from base gage. Datum of auxiliary gage is 13.70 ft National Geodetic Vertical Datum of 1929. See WSP 1732 for history of changes prior to Jan. 13, 1958.

REMARKS.--Records good. Small diversion above station.

AVERAGE DISCHARGE.--46 years, 268 ft^3/s, 27.78 in/yr, 194,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,900 ft^3/s May 20, 1953, gage height, 22.36 ft. No flow at times in 1939, 1948, 1955-56, 1964, 1971, 1975-77.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,260 ft^3/s Dec. 12, gage height, 19.54 ft; minimum, 1.6 ft^3/s Sept. 21, gage height, 1.01 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	6.2	209	43	35	42	20	14	44	261	75	34
2	4.3	5.3	223	40	27	30	26	15	35	97	57	17
3	3.8	5.3	309	41	130	26	65	28	26	312	152	14
4	3.4	5.6	883	44	250	24	80	26	28	101	341	60
5	3.2	14	412	40	75	56	76	12	21	86	140	31
6	2.9	24	177	35	42	117	76	7.1	194	54	59	15
7	2.8	109	97	27	26	49	60	7.0	2750	34	48	9.6
8	1.9	57	57	25	29	26	123	100	2980	25	52	8.5
9	2.6	27	45	143	30	22	157	164	1300	18	60	7.4
10	4.0	17	208	1730	98	22	116	60	383	19	43	5.7
11	4.0	15	4380	1720	140	25	101	26	122	24	30	4.5
12	4.4	11	6070	560	1100	25	68	20	159	25	95	3.8
13	3.9	10	6010	129	3180	32	80	13	88	21	89	3.4
14	3.5	9.4	4680	142	2220	24	104	10	59	26	80	3.0
15	2.9	9.8	2060	1270	654	19	90	15	30	44	52	3.4
16	3.0	8.1	676	1390	148	17	44	16	83	27	28	3.6
17	3.5	12	225	557	97	16	49	10	397	28	14	3.3
18	4.4	11	126	654	63	15	48	7.3	224	37	8.3	3.4
19	4.4	85	77	710	51	20	65	5.9	107	28	6.4	2.5
20	5.3	1090	56	244	45	53	73	861	54	42	5.7	1.9
21	9.7	688	46	97	66	41	60	2590	32	58	4.9	1.7
22	153	126	43	69	53	27	49	1940	14	42	5.7	37
23	90	434	45	65	38	18	49	1320	7.8	38	6.7	225
24	35	792	38	77	31	565	32	547	6.2	442	5.1	228
25	17	212	29	139	23	460	32	154	6.8	243	3.7	115
26	11	82	25	110	123	91	31	100	5.8	197	3.0	43
27	8.8	797	51	70	904	53	28	1290	33	132	2.6	28
28	7.9	2110	708	59	370	56	30	817	163	124	3.9	25
29	7.0	1350	468	55	77	45	34	441	67	205	4.7	10
30	7.2	402	113	44	---	19	25	141	122	148	50	7.4
31	7.9	---	55	36	---	19	---	60	---	106	83	---
TOTAL	427.2	8524.7	28601	10356	10125	2054	1891	10819.3	9541.6	3074	1608.7	955.1
MEAN	13.8	284	923	334	349	66.3	63.0	349	318	99.2	51.9	31.8
MAX	153	2110	6070	1730	3180	565	157	2590	2980	442	341	228
MIN	1.9	5.3	25	25	23	15	20	5.9	5.8	18	2.6	1.7
CFSM	.11	2.17	7.05	2.55	2.66	.51	.48	2.66	2.43	.76	.40	.24
IN.	.12	2.42	8.12	2.94	2.88	.58	.54	3.07	2.71	.87	.46	.27
AC-FT	847	16910	56730	20540	20080	4070	3750	21460	18930	6100	3190	1890

CAL YR 1983	TOTAL	180340.9	MEAN	494	MAX	7170	MIN	1.9	CFSM	3.77	IN.	51.21	AC-FT	357700
WTR YR 1984	TOTAL	89977.6	MEAN	240	MAX	6070	MIN	1.7	CFSM	1.83	IN.	24.98	AC-FT	174500

08010000 BAYOU DES CANNES NEAR EUNICE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.59	1.46	5.97	2.72	2.50	2.69	2.04	1.86	2.74	6.66	3.48	2.39
2	1.57	1.40	6.20	2.64	2.29	2.36	2.25	1.87	2.50	4.01	3.00	1.87
3	1.53	1.40	6.88	2.66	4.21	2.26	3.27	2.28	2.26	7.26	4.52	1.73
4	1.50	1.42	12.41	2.76	6.61	2.19	3.64	2.23	2.31	4.14	7.70	3.08
5	1.48	1.81	8.30	2.65	3.50	3.02	3.56	1.78	2.08	3.86	4.82	2.30
6	1.46	2.17	5.52	2.50	2.69	4.43	3.55	1.52	3.96	3.69	3.04	1.81
7	1.44	4.26	4.01	2.29	2.24	2.86	3.13	1.51	16.66	2.62	2.78	1.58
8	1.37	3.06	3.06	2.21	2.33	2.24	4.43	3.86	16.99	2.34	2.88	1.52
9	1.43	2.28	2.78	4.15	2.36	2.12	5.15	5.27	13.79	2.12	3.08	1.46
10	1.55	1.95	4.38	15.01	4.00	2.11	4.42	3.14	7.95	2.16	2.63	1.35
11	1.55	1.87	18.14	15.05	4.83	2.21	4.11	2.23	4.54	2.31	2.27	1.25
12	1.58	1.71	19.42	9.62	11.44	2.22	3.36	2.05	5.20	2.35	3.85	1.19
13	1.54	1.68	19.39	4.67	17.21	2.41	3.65	1.82	3.83	2.21	3.81	1.16
14	1.51	1.65	18.45	4.71	15.90	2.18	4.19	1.69	3.11	2.36	3.62	1.13
15	1.46	1.67	15.58	13.58	10.35	2.01	3.77	1.90	2.36	2.86	2.88	1.16
16	1.47	1.58	10.66	14.21	5.02	1.94	2.75	1.98	3.63	2.42	2.23	1.17
17	1.51	1.79	6.24	9.76	4.03	1.93	2.87	1.69	8.30	2.44	1.76	1.15
18	1.58	1.70	4.61	10.62	3.21	1.88	2.84	1.53	6.17	2.68	1.51	1.15
19	1.58	2.87	3.56	11.08	2.92	2.04	3.27	1.44	4.23	2.45	1.39	1.10
20	1.65	13.20	3.03	6.36	2.77	2.96	3.48	9.61	3.00	2.81	1.35	1.03
21	1.93	10.74	2.80	4.03	3.31	2.66	3.15	16.60	2.43	3.18	1.29	1.02
22	5.10	4.53	2.73	3.37	2.96	2.28	2.87	15.59	1.83	2.82	1.35	2.26
23	3.85	7.84	2.78	3.26	2.58	2.00	2.85	14.06	1.56	2.65	1.41	6.20
24	2.49	11.70	2.60	3.57	2.40	9.23	2.42	9.58	1.47	8.72	1.30	6.22
25	1.94	6.08	2.33	4.76	2.15	8.68	2.42	5.12	1.50	6.48	1.18	4.26
26	1.74	3.69	2.22	4.31	3.73	3.85	2.39	3.99	1.43	5.84	1.13	2.46
27	1.62	9.74	2.83	3.39	12.49	2.97	2.31	13.75	2.10	5.27	1.10	2.05
28	1.57	16.01	11.04	3.12	7.68	3.03	2.37	11.58	5.24	4.58	1.21	1.96
29	1.51	14.03	8.83	3.01	3.56	2.77	2.48	8.70	3.31	5.86	1.27	1.43
30	1.52	8.08	4.33	2.74	---	2.00	2.21	4.85	4.29	4.99	2.67	1.30
31	1.57	---	3.01	2.53	---	2.01	---	3.15	---	4.20	3.65	---
MAX	5.10	16.01	19.42	15.05	17.21	9.23	5.15	16.60	16.99	8.72	7.70	6.22
MIN	1.37	1.40	2.22	2.21	2.15	1.88	2.04	1.44	1.43	2.12	1.10	1.02

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08012000 BAYOU NEZPIQUE NEAR BASILE, LA

LOCATION.--Lat 30°28'50", long 92°37'55", in NE1/4NW1/4 sec.1, T.7 S., R.3 W., Evangeline Parish, Hydrologic Unit 08080201, near left bank on U.S. Highway 190, 1,300 ft downstream from Missouri Pacific Railroad bridge, and 2.0 mi west of Basile.

DRAINAGE AREA.--527 mi^2.

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WSP 1512: 1945-55.

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft National Geodetic Vertical Datum of 1929. Prior to July 1947, nonrecording gage at same site and datum. Water-stage recorder for Bayou Nezpique at Mamou pumping plant near Basile (station 08012020) used as auxiliary for this station since July 7, 1979. Mar. 27, 1945, to July 6, 1979, auxiliary nonrecording gage at same site and datum.

REMARKS.--Records good. Diversion for irrigation by Mamou pumping plant may affect stage-discharge relation.

AVERAGE DISCHARGE.--46 years 822 ft^3/s 21.18 in/yr, 595,500 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,800 ft^3/s May 20, 1953, gage height, 34.39 ft; minimum discharge, 0.1 ft^3/s June 7-31, 1943, June 22-29, 1948; minimum gage height, 1.00 ft June 28, 1948.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,770 ft^3/s Dec. 13, gage height, 24.00 ft; minimum, 1.2 ft^3/s Sept. 17, gage height, 1.09 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	9.8	259	668	161	2470	114	43	1030	557	264	114
2	36	9.0	256	429	129	1950	106	50	460	429	222	58
3	29	9.0	268	244	145	1570	110	47	133	431	159	36
4	25	9.6	408	184	444	1340	147	43	124	619	191	28
5	23	10	690	150	457	1020	133	44	87	494	264	77
6	19	10	583	123	324	478	221	43	216	414	196	66
7	16	19	424	104	227	395	243	37	2930	274	164	37
8	15	31	283	91	161	369	214	88	5700	207	118	23
9	13	31	189	162	120	336	270	309	6390	173	93	16
10	12	26	361	1770	139	252	302	273	6450	142	86	12
11	11	21	4150	3250	249	188	330	205	6300	132	71	10
12	10	22	7690	3220	1560	149	313	138	5770	116	68	9.6
13	10	21	8630	2750	3200	128	230	89	4950	118	93	8.8
14	11	17	7510	2200	4030	120	157	59	4160	127	205	6.9
15	12	13	5890	2020	3970	115	122	45	3560	150	263	4.9
16	11	10	4730	2550	3820	164	119	36	3050	151	180	2.9
17	11	7.5	4070	2750	3750	255	102	34	2490	132	117	2.0
18	12	6.3	3560	2530	3660	227	91	39	1880	140	87	3.2
19	12	8.3	3040	2430	3460	171	81	124	1130	146	70	4.5
20	11	23	2450	2280	3120	201	75	2380	575	170	61	4.7
21	10	208	1870	1890	2700	228	78	4750	322	152	50	4.9
22	12	183	1020	1410	2280	192	97	5440	294	146	34	9.4
23	30	139	780	819	1790	182	110	5130	211	119	25	644
24	60	458	630	630	899	408	103	4640	146	165	22	2050
25	55	530	524	497	322	978	98	4140	159	318	22	3000
26	44	347	450	738	240	603	93	3730	241	258	20	2850
27	32	221	337	695	1570	373	75	3380	187	220	19	2080
28	23	489	403	521	2800	289	62	3110	573	171	20	1320
29	17	657	1090	372	2860	232	49	2800	669	226	20	587
30	14	372	1240	268	---	169	39	2380	574	299	73	205
31	11	---	918	199	---	129	---	1830	---	245	167	---
TOTAL	654	3917.5	64703	37944	48587	15681	4284	45456	60761	7441	3444	13274.8
MEAN	21.1	131	2087	1224	1675	506	143	1466	2025	240	111	442
MAX	60	657	8630	3250	4030	2470	330	5440	6450	619	264	3000
MIN	10	6.3	189	91	120	115	39	34	87	116	19	2.0
CFSM	.04	.25	3.96	2.32	3.18	.96	.27	2.78	3.84	.46	.21	.84
IN.	.05	.28	4.57	2.68	3.43	1.11	.30	3.21	4.29	.53	.24	.94
AC-FT	1300	7770	128300	75260	96370	31100	8500	90160	120500	14760	6830	26330

CAL YR 1983 TOTAL 477824.5 MEAN 1309 MAX 13100 MIN 6.3 CFSM 2.48 IN. 33.73 AC-FT 947600
WTR YR 1984 TOTAL 306147.3 MEAN 836 MAX 8630 MIN 2.0 CFSM 1.59 IN. 21.61 AC-FT 607200

08012000 BAYOU NEZPIQUE NEAR BASILE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.81	1.61	6.32	10.70	4.93	18.11	4.20	2.70	14.67	9.58	6.40	4.19
2	2.51	1.57	6.27	8.34	4.46	17.19	4.06	2.87	10.00	8.39	5.80	3.06
3	2.30	1.57	6.45	6.10	4.68	16.04	4.13	2.79	6.39	8.41	4.90	2.50
4	2.16	1.60	9.05	5.26	8.49	14.95	4.73	2.71	4.42	10.03	5.36	2.28
5	2.10	1.62	10.45	4.77	8.66	13.47	4.52	2.73	3.71	9.04	6.39	3.47
6	1.98	1.63	9.79	4.34	7.15	10.32	5.78	2.71	4.89	8.21	5.43	3.24
7	1.87	1.96	8.31	4.04	5.87	8.24	6.10	2.53	17.64	6.51	4.98	2.54
8	1.80	2.35	6.63	3.79	4.93	7.71	5.68	3.72	21.51	5.58	4.27	2.11
9	1.74	2.36	5.37	4.73	4.31	7.30	6.46	6.96	22.71	5.10	3.82	1.85
10	1.68	2.20	6.11	14.76	4.61	6.22	6.88	6.50	22.89	4.66	3.68	1.68
11	1.66	2.04	19.67	18.58	6.13	5.32	7.22	5.55	22.83	4.50	3.37	1.62
12	1.62	2.07	23.01	19.16	14.04	4.76	7.02	4.58	22.55	4.23	3.29	1.60
13	1.62	2.05	23.93	18.84	18.57	4.44	5.91	3.73	22.03	4.26	3.82	1.56
14	1.64	1.88	23.52	18.03	20.25	4.29	4.88	3.09	21.36	4.42	5.55	1.47
15	1.68	1.74	22.69	17.62	20.67	4.21	4.33	2.74	20.67	4.77	6.38	1.36
16	1.66	1.62	21.89	18.33	20.74	4.95	4.23	2.51	19.95	4.79	5.21	1.24
17	1.66	1.50	21.27	18.75	20.72	6.27	3.99	2.45	19.00	4.51	4.24	1.18
18	1.70	1.44	20.67	18.56	20.64	5.87	3.78	2.59	17.82	4.63	3.70	1.26
19	1.71	1.53	19.93	18.40	20.40	5.07	3.61	3.81	15.42	4.71	3.35	1.34
20	1.67	2.10	18.93	18.08	19.94	5.51	3.45	16.34	12.26	5.06	3.12	1.35
21	1.62	5.59	17.68	17.23	19.27	5.88	3.53	20.71	9.20	4.80	2.88	1.36
22	1.69	5.24	15.08	15.78	18.46	5.37	3.90	22.03	7.22	4.71	2.44	1.57
23	2.28	4.59	11.95	13.24	17.27	5.23	4.13	22.10	5.64	4.29	2.18	9.26
24	3.12	8.52	10.80	10.07	14.46	7.86	4.00	21.78	4.71	4.97	2.07	15.78
25	2.99	9.35	9.90	9.50	10.44	11.90	3.91	21.33	4.88	7.08	2.10	18.12
26	2.72	7.44	8.60	10.69	7.75	9.96	3.82	20.86	6.06	6.32	2.01	18.43
27	2.39	5.79	7.32	10.49	14.08	7.75	3.45	20.38	5.30	5.75	1.98	17.39
28	2.09	8.62	7.97	9.89	17.74	6.71	3.16	19.87	9.59	5.07	1.99	15.43
29	1.89	10.19	12.30	7.74	18.38	5.95	2.84	19.34	10.33	5.84	2.01	11.97
30	1.76	7.72	13.16	6.43	---	5.04	2.58	18.57	9.72	6.84	3.27	7.74
31	1.66	---	12.13	5.47	---	4.44	---	17.31	---	6.13	5.01	---
MAX	3.12	10.19	23.93	19.16	20.74	18.11	7.22	22.10	22.89	10.03	6.40	18.43
MIN	1.62	1.44	5.37	3.79	4.31	4.21	2.58	2.45	3.71	4.23	1.98	1.18

08012150 MERMENTAU RIVER AT MERMENTAU, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 06...	70	2	92	<.5	<1	<1	<3	8	300	2
JAN 10...	220	2	110	<.5	1	<1	<3	7	320	2
APR 02...	140	1	100	<1	<1	<1	<3	7	350	2
JUL 03...	<10	2	120	<1	2	<1	<3	4	370	2

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 06...	<4	26	<.1	<10	1	<1	<1	45	<6	39
JAN 10...	<4	64	<.1	<10	5	<1	<1	110	<6	24
APR 02...	<4	180	.3	<10	1	<1	1	90	<6	38
JUL 03...	<4	390	<.1	<10	1	<1	<1	90	<6	35

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 06...	--	--	--
JAN 10...	50	720	72
APR 02...	33	166	88
JUL 02...	12	30	92

< Actual value is known to be less than the value shown.

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08012470 BAYOU LACASSINE NEAR LAKE ARTHUR, LA

LOCATION.--Lat 30°04'12", long 92°52'43", in SE1/4SE1/4 sec.21, T.11 S., R.5 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at bridge on State Highway 14, 12.9 mi west of town of Lake Arthur, and 16.8 mi upstream from Intracoastal Waterway.

DRAINAGE AREA.--299 mi^2.

PERIOD OF RECORD.--Annual peaks, water years 1969-74, October 1974 to current year (gage height only).

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft below National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Highways); prior to Oct. 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft May 19, 1980; minimum, 7.25 ft Mar. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.27 ft May 22; minimum, 7.57 ft Apr. 5.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1963 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.08	8.47	8.72	8.34	8.47	8.35	8.09	7.92	9.17	8.69	8.45	8.30
2	9.00	8.40	8.83	8.34	8.48	8.39	8.45	8.16	9.16	8.73	8.44	8.36
3	8.99	8.44	8.97	8.29	8.46	8.40	8.24	8.13	9.11	8.70	8.52	8.28
4	8.95	8.40	8.93	8.31	8.38	8.49	7.97	7.89	9.07	8.66	8.82	8.35
5	8.93	8.42	8.92	8.27	8.28	8.60	7.70	8.04	9.06	8.61	8.95	8.23
6	8.86	8.43	8.72	8.28	7.98	7.95	7.81	8.15	9.12	8.58	8.99	8.27
7	8.84	8.44	8.67	8.27	8.11	8.29	7.98	8.19	9.15	8.56	8.92	8.37
8	8.78	8.41	8.71	8.28	8.17	8.35	8.28	7.95	9.13	8.52	8.95	8.39
9	8.76	8.47	8.74	8.39	8.28	8.22	8.06	7.90	9.10	8.55	8.93	8.40
10	8.67	8.23	8.83	8.69	8.52	8.31	8.08	7.83	9.07	8.56	8.89	8.32
11	8.67	8.03	8.91	8.78	8.71	8.27	8.27	7.96	9.08	8.56	8.84	8.35
12	8.63	8.18	8.72	8.87	9.08	8.50	8.43	7.87	9.07	8.49	8.84	8.29
13	8.46	8.30	8.83	8.83	9.14	8.36	8.22	7.84	9.05	8.50	8.83	8.25
14	8.55	8.24	8.77	8.65	9.20	8.37	8.04	7.79	9.01	8.55	8.83	8.27
15	8.55	8.05	8.78	8.63	9.27	8.52	7.92	7.72	8.98	8.57	8.78	8.22
16	8.59	7.99	8.88	8.77	9.20	8.48	7.84	7.73	9.02	8.52	8.71	7.98
17	8.65	8.19	8.81	8.80	9.03	8.37	7.77	7.74	9.10	8.47	8.57	7.99
18	8.62	8.24	8.87	8.86	9.17	8.47	7.93	7.82	9.10	8.44	8.45	8.08
19	8.68	8.37	8.72	8.86	8.96	8.56	8.23	7.92	9.11	8.43	8.37	8.04
20	8.71	8.34	8.76	8.90	8.84	8.25	8.23	8.62	9.05	8.48	8.36	8.07
21	8.76	8.37	8.98	8.78	8.68	8.30	8.32	9.68	8.94	8.46	8.41	8.18
22	8.66	8.56	8.79	8.88	8.76	8.41	8.02	10.06	8.85	8.44	8.36	8.49
23	8.64	8.82	8.75	9.03	8.72	8.53	7.85	10.20	8.77	8.38	8.27	8.53
24	8.62	8.55	8.15	8.92	8.69	8.50	7.84	10.06	8.62	8.43	8.25	8.63
25	8.56	8.61	8.12	8.97	8.58	8.32	7.99	9.88	8.58	8.41	8.21	8.64
26	8.33	8.71	8.45	8.96	8.77	8.42	8.15	9.88	8.58	8.40	8.28	8.61
27	8.38	8.70	8.60	8.93	8.63	8.48	8.26	9.73	8.52	8.39	8.23	8.52
28	8.42	8.76	8.62	8.86	8.30	8.25	8.08	9.60	8.48	8.41	8.25	8.43
29	8.35	8.70	8.06	8.79	8.15	7.93	8.43	9.38	8.52	8.43	8.26	8.34
30	8.38	8.80	8.03	8.71	---	7.97	8.09	9.20	8.52	8.39	8.23	8.27
31	8.39	---	8.29	8.52	---	8.13	---	9.15	---	8.41	8.27	---
MAX	9.08	8.82	8.98	9.03	9.27	8.60	8.45	10.20	9.17	8.73	8.99	8.64
MIN	8.33	7.99	8.03	8.27	7.98	7.93	7.70	7.72	8.48	8.38	8.21	7.98

08012020 BAYOU NEZPIQUE AT MAMOU PUMPING PLANT, NEAR BASILE, LA

LOCATION.--Lat 30°25'10", long 92°35'40", in lot 19, T. 7 S., R. 2 W., Louisiana meridian, Acadia-Jefferson Davis Parish line, Hydrologic Unit 08080201, at head of Mamou Canal, 4.5 mi south of Basile, and 7.5 mi downstream from gaging station Bayou Nezpique near Basile (station 08012000).

DRAINAGE AREA.--542 mi^2.

PERIOD OF RECORD.--October 1973 to current year (gage heights only). Unpublished records March 1945 to September 1973 available in files of Baton Rouge district office.

REVISED RECORDS.--WDR LA-77-2: 1974-76(M).

GAGE.--Water-stage recorder. Datum of gage is 1.03 ft below National Geodetic Vertical Datum of 1929. Prior to July 7, 1979, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.05 ft Sept. 23, 1979; minimum daily, 2.35 ft Oct. 28, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height since March 1945, 30.3 ft May 21, 22, 1953.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.46 ft Dec. 13; minimum. 2.51 ft May 17.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.23	3.37	6.59	10.77	4.92	17.35	3.78	3.03	16.20	9.01	5.49	4.32
2	4.09	3.38	5.99	9.01	4.50	17.16	3.96	3.35	13.27	8.23	5.48	3.66
3	4.03	3.38	6.32	6.87	4.34	16.31	3.94	3.40	9.89	7.64	5.34	3.45
4	4.00	3.39	7.16	5.51	6.22	15.24	4.06	3.07	6.13	8.68	6.32	3.37
5	3.95	3.28	9.19	4.86	8.03	14.08	3.83	3.13	4.32	8.55	6.21	3.41
6	3.80	3.36	9.45	4.45	7.08	12.09	4.22	3.26	4.45	7.77	5.84	3.69
7	3.77	3.42	8.39	4.17	5.84	9.24	5.27	3.27	12.72	6.34	5.37	3.54
8	3.76	3.40	6.90	3.99	4.90	7.55	5.29	3.27	18.03	5.17	4.84	3.47
9	3.68	3.48	5.61	4.65	4.44	6.95	5.32	4.97	21.26	4.84	4.48	3.44
10	3.63	3.35	5.51	12.40	6.20	6.11	5.85	5.77	21.76	4.39	4.34	3.40
11	3.62	3.12	16.03	15.62	6.17	5.23	6.22	5.09	21.79	4.44	4.25	3.36
12	3.63	3.26	20.35	17.56	11.98	4.74	6.48	4.32	21.68	4.36	4.14	3.31
13	3.43	3.26	22.31	18.18	16.14	4.45	5.79	3.45	21.40	4.26	4.16	3.26
14	3.43	3.34	22.37	18.04	18.29	4.24	4.77	3.00	20.96	4.35	4.80	3.27
15	3.49	3.20	21.92	17.76	19.58	4.23	4.13	2.81	20.46	4.49	5.84	3.16
16	3.54	3.04	21.35	17.59	20.08	4.31	3.68	2.75	19.96	4.39	5.44	2.89
17	3.57	3.15	20.89	17.95	20.18	5.31	3.72	2.65	19.33	4.21	4.58	2.96
18	3.56	3.28	20.45	18.18	20.19	5.54	3.47	2.85	18.68	4.14	4.08	3.03
19	3.62	3.64	19.91	18.10	20.05	5.11	3.57	3.22	17.10	4.25	3.79	2.95
20	3.67	4.00	19.22	17.88	19.76	5.03	3.63	12.59	14.61	4.53	3.51	2.98
21	3.74	4.25	18.39	17.40	19.33	5.27	3.68	18.08	11.89	4.45	3.55	3.11
22	3.78	5.28	16.88	16.45	18.75	5.11	3.72	20.61	8.90	4.30	3.66	3.37
23	3.71	5.38	14.34	14.66	17.93	4.91	3.49	21.30	6.13	4.09	3.38	5.67
24	3.75	6.80	12.28	12.43	16.43	5.76	3.52	21.19	4.87	3.88	3.28	12.07
25	3.74	8.72	10.62	10.36	13.55	9.77	3.62	20.91	4.45	5.45	3.24	15.12
26	3.51	7.72	8.89	9.95	10.53	10.08	3.72	20.53	5.06	5.70	3.29	16.83
27	3.45	6.45	7.52	10.01	11.65	7.93	3.58	20.16	5.00	5.33	3.32	17.15
28	3.46	7.09	7.38	9.30	14.89	6.21	3.26	19.69	7.76	4.98	3.32	16.28
29	3.37	9.49	9.99	7.99	16.71	5.46	3.56	19.20	9.42	4.83	3.32	14.15
30	3.32	8.26	11.85	6.60	---	4.81	3.06	18.64	9.18	6.03	3.36	10.88
31	3.35	---	11.73	5.55	---	4.20	---	17.82	---	5.75	4.28	---
MAX	4.23	9.49	22.37	18.18	20.19	17.35	6.48	21.30	21.79	9.01	6.32	17.15
MIN	3.32	3.04	5.51	3.99	4.34	4.20	3.06	2.65	4.32	3.88	3.24	2.89

BEST COPY AVAILABLE

08012150 MERMENTAU RIVER AT MERMENTAU, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°11'23", long 92°35'25", on line between lots 14 and 31, T.10 S., R.2 W., Jefferson Davis Parish, Hydrologic Unit 08080202, at U.S. Highway 90 bridge between Silverwood and Mermentau.

DRAINAGE AREA.--1,381 mi^2.

PERIOD OF RECORD.--Water years 1953, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1980 to September 1982.
WATER TEMPERATURES: April 1980 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 642 micromhos Oct. 2, 1981; minimum daily, 51 micromhos Feb. 20, 1982.
WATER TEMPERATURES: Maximum daily, 31.0°C July 12, 14, 15, 17-20, 1980; minimum daily, 6.0°C Jan. 17, 1982.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
06...	1200	E.00	99	6.1	24.0	60	18	5.1	4.9	K28	K24000
JAN											
10...	1315	5330	200	5.9	7.0	80	75	6.5	3.8	100	1800
APR											
02...	1130	1860	196	7.4	13.5	120	80	2.8	1.6	K48	>2700
JUL											
03...	1230	914	156	7.2	30.0	50	20	3.9	3.9	K11	K22

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT									
06...	25	6.4	2.1	7.4	4.4	25	10	10	.1
JAN									
10...	40	10	3.6	19	4.2	36	9.4	27	.2
APR									
02...	38	9.5	3.3	22	3.1	37	6.4	32	.1
JUL									
03...	43	11	3.8	15	2.7	42	12	17	.2

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT									
06...	8.9	74	64	.14	.12	.8	.22	.14	.12
JAN									
10...	8.2	129	104	.59	.55	2.9	.39	.21	.18
APR									
02...	7.2	125	106	.54	.29	1.6	.22	.09	.04
JUL									
03...	8.5	114	95	.21	.23	1.8	.31	.14	.12

> Actual value is known to be greater than the value shown.
E Estimated.
K Results based on colony count outside the acceptable range (non-ideal count).

08013000 CALCASIEU RIVER NEAR GLENMORA, LA

LOCATION.--Lat 30°59'45", long 92°40'25", in SE1/4SE1/4 sec.4, T.1 S., R.3W., Louisiana meridian, Rapides Parish, Hydrologic Unit 08080203, on right bank on downstream side of bridge on State Highway 113, 1.0 mi upstream from Prairie Branch, and 4.6 mi northwest of Glenmora.

DRAINAGE AREA.--499 mi^2.

PERIOD OF RECORD.--August 1943 to current year.

REVISED RECORD.--WSP 1118: 1944-47.

GAGE.--Water-stage recorder. Datum of gage is 110.77 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 19, 1949, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--41 years, 728 ft^3/s, 19.81 in/yr, 527,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 59,900 ft^3/s May 19, 1953, gage height, 21.55 ft; minimum, 15 ft^3/s Sept. 27, 28, Oct. 7-9, 1954, Oct. 18, 1956; minimum gage height, 3.86 ft Oct. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 4,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 7	0500	8910	15.31	Mar. 9	1600	4200	14.00
Dec. 13	2230	8340	15.18	June 9	1000	4610	14.15
Feb. 14	2200	*19400	*17.18				

Minimum discharge, 36 ft^3/s Nov. 4; minimum gage height, 4.72 ft Sept. 18, 19, 20, 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	39	1100	1130	1640	1850	215	94	287	123	166	53
2	71	38	1100	1020	1020	2460	222	92	215	114	216	60
3	65	37	1190	828	739	2540	490	90	148	99	176	76
4	61	37	1230	638	564	2080	1080	87	117	93	123	75
5	58	37	1270	499	483	1900	1680	84	102	94	96	66
6	55	38	2450	426	463	2210	2010	80	139	104	84	60
7	53	40	8090	375	453	2060	2090	77	2920	103	80	56
8	51	44	5610	339	429	2230	2470	87	3310	131	103	54
9	50	51	4220	322	398	3910	2770	100	4380	129	162	52
10	49	75	3520	542	443	3790	2420	109	3760	103	152	50
11	47	77	4790	857	489	3030	2040	143	3170	130	133	49
12	47	62	4470	1110	2810	2360	1750	138	2850	132	156	48
13	46	56	6120	1330	6020	1670	1670	114	2240	101	139	47
14	45	51	7250	1520	13700	1050	1780	100	1410	86	124	47
15	44	47	5190	1770	14400	726	1540	88	681	86	198	46
16	44	43	4150	2000	7890	591	973	79	381	85	248	45
17	44	41	3410	1990	5640	536	518	73	395	78	241	44
18	43	41	2770	1810	4390	503	318	68	522	73	151	43
19	42	43	2140	1620	3760	464	233	68	448	71	100	43
20	42	48	1600	1500	3470	436	193	563	432	69	82	43
21	42	104	1220	1430	3310	406	169	1080	523	69	74	44
22	43	327	1500	1230	2870	370	154	2330	468	76	68	72
23	44	518	1900	1050	2300	332	142	3100	336	68	64	92
24	45	629	1500	1160	1760	313	131	3120	226	64	62	214
25	54	707	1100	1440	1260	319	122	2690	158	61	60	464
26	53	808	960	1810	985	309	115	2230	140	60	58	589
27	48	921	1230	2210	1160	335	109	1680	147	59	57	602
28	45	1000	1340	2980	1480	327	104	990	127	59	56	533
29	43	1080	1270	3480	1610	283	99	559	141	66	54	443
30	41	1110	1190	3020	---	246	97	371	136	75	55	240
31	40	---	1170	2360	---	223	---	326	---	94	55	---
TOTAL	1533	8149	86050	43796	85936	39859	27704	20810	30309	2755	3593	4350
MEAN	49.5	272	2776	1413	2963	1286	923	671	1010	88.9	116	145
MAX	78	1110	8090	3480	14400	3910	2770	3120	4380	132	248	602
MIN	40	37	960	322	398	223	97	68	102	59	54	43
CFSM	.10	.55	5.56	2.83	5.94	2.58	1.85	1.34	2.02	.18	.23	.29
IN.	.11	.61	6.41	3.26	6.41	2.97	2.07	1.55	2.26	.21	.27	.32
AC-FT	3040	16160	170700	86870	170500	79060	54950	41280	60120	5460	7130	8630

CAL YR 1983 TOTAL 449297 MEAN 1231 MAX 18900 MIN 35 CFSM 2.47 IN. 33.49 AC-FT 891200
WTR YR 1984 TOTAL 354844 MEAN 970 MAX 14400 MIN 37 CFSM 1.94 IN. 26.45 AC-FT 703800

08013000 CALCASIEU RIVER NEAR GLENMORA, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.68	4.83	11.70	11.75	12.41	12.63	7.68	6.00	8.35	6.34	6.98	4.94
2	5.52	4.82	11.70	11.54	11.52	13.11	7.74	5.97	7.66	6.20	7.60	5.10
3	5.40	4.80	11.85	11.09	10.82	13.17	9.66	5.91	6.86	5.92	7.12	5.46
4	5.30	4.80	11.92	10.47	10.19	12.83	11.61	5.85	6.40	5.81	6.34	5.45
5	5.23	4.83	11.99	9.88	9.78	12.67	12.46	5.79	6.15	5.83	5.87	5.25
6	5.17	4.85	12.80	9.39	9.65	12.94	12.78	5.72	6.53	6.02	5.63	5.10
7	5.13	4.91	15.12	9.03	9.58	12.81	12.85	5.65	13.34	5.99	5.55	5.02
8	5.08	5.00	14.47	8.76	9.40	12.94	13.12	5.86	13.60	6.47	5.98	4.96
9	5.05	5.19	14.00	8.63	9.19	13.07	13.31	6.12	14.06	6.43	6.93	4.93
10	5.02	5.70	13.70	9.98	9.51	13.82	13.09	6.27	13.81	6.01	6.79	4.89
11	4.99	5.76	14.20	11.16	9.82	13.45	12.80	6.79	13.53	6.44	6.50	4.86
12	4.97	5.46	14.09	11.71	12.70	13.04	12.53	6.72	13.35	6.48	6.85	4.84
13	4.95	5.32	14.57	12.07	14.59	12.44	12.46	6.34	12.95	5.97	6.59	4.82
14	4.93	5.21	14.91	12.30	16.16	11.59	12.56	6.11	12.12	5.67	6.36	4.80
15	4.91	5.12	14.34	12.55	16.34	10.77	12.31	5.88	10.57	5.66	7.40	4.79
16	4.90	5.03	13.97	12.77	15.07	10.30	11.41	5.69	9.06	5.64	7.94	4.76
17	4.90	4.99	13.65	12.76	14.48	10.09	9.90	5.56	9.16	5.51	7.87	4.74
18	4.89	4.96	13.30	12.59	14.07	9.92	8.59	5.46	10.01	5.40	6.76	4.73
19	4.87	5.00	12.88	12.39	13.81	9.65	7.85	5.46	9.54	5.36	5.95	4.73
20	4.86	5.11	12.37	12.28	13.68	9.46	7.43	9.62	9.42	5.30	5.60	4.72
21	4.87	6.16	11.91	12.19	13.60	9.25	7.14	11.66	10.02	5.32	5.42	4.75
22	4.88	8.63	---	11.92	13.36	8.99	6.95	12.95	9.67	5.46	5.28	5.35
23	4.90	9.97	---	11.61	13.01	8.71	6.77	13.49	8.72	5.29	5.19	5.80
24	4.94	10.44	---	11.81	12.53	8.56	6.61	13.50	7.70	5.19	5.14	7.45
25	5.14	10.71	---	12.20	11.96	8.61	6.48	13.26	6.87	5.13	5.10	9.64
26	5.12	11.04	---	12.58	11.47	8.53	6.36	12.96	6.60	5.11	5.07	10.29
27	5.01	11.34	11.93	12.94	11.80	8.73	6.26	12.44	6.71	5.10	5.04	10.34
28	4.96	11.51	12.09	13.42	12.25	8.67	6.18	11.45	6.40	5.10	5.02	10.07
29	4.91	11.65	11.99	13.68	12.40	8.31	6.10	10.10	6.62	5.24	4.98	9.50
30	4.87	11.72	11.86	13.45	---	7.98	6.05	8.99	6.54	5.44	5.00	7.88
31	4.85	---	11.83	13.04	---	7.76	---	8.66	---	5.81	4.99	---
MAX	5.68	11.72	15.12	13.68	16.34	13.87	13.31	13.50	14.06	6.48	7.94	10.34
MIN	4.85	4.80	---	8.63	9.19	7.76	6.05	5.46	6.15	5.10	4.98	4.72

08013500 CALCASIEU RIVER NEAR OBERLIN, LA

LOCATION.--Lat 30°38'25", long 92°48'50", in NW1/4NE/4 sec. 7, T.5 S., R.4 W., Allen Parish, Hydrologic Unit 08080203, near right bank on downstream side of bridge on State Highway 26, 3.0 mi northwest of Oberlin, and 15 mi upstream from Whisky Chitto Creek.

DRAINAGE AREA.--753 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1922 to January 1925, September 1938 to current year.

REVISED RECORDS.--WSP 1512: 1923, 1939(M).

GAGE.--Water-stage recorder. Datum of gage is 39.43 ft National Geodetic Vertical Datum of 1929. Prior to February 1925 at datum about 2.5 ft higher. September 1938 to Aug. 7, 1939, nonrecording gage at same site and present datum.

REMARKS.--Records good. Prior to November, 1981, paper mill at Elizabeth pumps about 11 ft^3/s of water from wells which was discharged in to Mill Creek 20 mi upstream from station. Some small diversions from April to September for rice irrigation upstream from station.

AVERAGE DISCHARGE.--48 years (water years 1923-24, 1939-84) 1,150 ft^3/s, 20.74 in/yr, 833,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 72,800 ft^3/s May 19, 1953, gage height, 26.53 ft; minimum, 30 ft^3/s Sept. 28, 29, Oct. 17-19, 1956; minimum gage height, 1.29 ft Nov. 2, 3, 1982.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of between 22 and 23 ft, present datum.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 8000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 16	2330	*20400	*19.49	May 21	1730	8080	16.79

Minimum discharge, 31 ft^3/s Sept. 20, 21, gage height 1.23 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	62	791	1340	2430	1910	386	183	828	299	80	63
2	208	60	852	1230	2460	1620	360	175	595	353	83	63
3	171	59	928	1150	2110	1530	377	169	492	310	118	58
4	152	59	1320	1100	1630	1630	560	160	419	230	158	66
5	142	59	1460	1030	1230	1940	820	153	343	193	172	81
6	134	60	1350	919	991	2350	1020	147	312	168	148	83
7	128	59	1310	796	814	2480	1200	141	1430	147	124	76
8	123	60	1310	673	695	2480	1400	153	2480	138	107	64
9	115	61	1840	653	634	2420	1700	251	5770	146	97	58
10	106	62	4140	1470	617	2050	1980	271	6130	174	100	54
11	99	66	7410	1870	869	2120	2360	213	4400	186	128	50
12	91	75	7200	1890	2610	3010	2480	185	4000	147	156	48
13	86	91	5740	1560	7670	3320	2150	184	3620	135	181	45
14	75	92	5560	1250	13600	2970	1780	185	3070	142	193	43
15	74	86	5280	1520	11000	2450	1490	171	2600	132	159	41
16	72	80	6410	2000	16000	1780	1360	153	2130	118	138	38
17	71	75	6310	2070	17400	1280	1330	140	1030	107	154	37
18	68	72	5090	2110	10500	999	1230	130	580	106	189	35
19	68	73	4080	2230	7530	843	979	164	600	101	209	35
20	66	85	3320	2140	5760	775	683	2290	790	101	184	32
21	66	127	2710	1890	4620	752	486	6970	680	98	140	33
22	65	117	2910	1600	4070	682	393	6550	650	86	116	440
23	67	116	3590	1400	3680	617	339	5110	790	82	102	1330
24	65	252	3700	1430	3310	585	304	3900	710	82	93	1500
25	62	385	2810	1660	2840	571	277	3050	510	83	84	1130
26	61	474	1750	1710	2430	558	253	2940	340	90	81	688
27	64	525	1350	1580	2950	521	234	2790	240	155	77	469
28	68	634	1580	1440	2950	487	218	2620	210	93	80	487
29	68	690	1030	1470	2460	462	205	2330	229	94	75	523
30	65	732	1740	1640	---	445	193	1820	268	93	71	523
31	62	---	1550	2000	--	419	---	1220	---	81	66	---
TOTAL	3032	5448	97221	46821	135860	46056	28547	44918	46246	4470	3863	8193
MEAN	97.8	182	3136	1510	4685	1486	952	1449	1542	144	125	273
MAX	270	732	7410	2230	17400	3320	2480	6970	6130	353	209	1500
MIN	61	59	791	653	617	419	193	130	210	81	66	32
CFSM	.13	.24	4.16	2.01	6.22	1.97	1.26	1.92	2.05	.19	.17	.36
IN.	.15	.27	4.80	2.31	6.71	2.28	1.41	2.22	2.28	.22	.19	.40
AC-FT	6010	10810	192800	92870	269500	91350	56620	89090	91730	8870	7660	16250

CAL YR 1983 TOTAL 647270 MEAN 1773 MAX 21300 MIN 48 CFSM 2.35 IN. 31.98 AC-FT 1284000
WTR YR 1984 TOTAL 470675 MEAN 1286 MAX 17400 MIN 32 CFSM 1.71 IN. 23.25 AC-FT 933600

08013500 CALCASIEU RIVER NEAR OBERLIN, LA.--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.29	1.68	5.68	7.78	10.63	9.42	3.82	2.63	5.83	3.48	1.75	1.50
2	2.94	1.66	5.93	7.38	10.70	8.66	3.69	2.58	4.84	3.76	1.78	1.50
3	2.71	1.64	6.23	7.10	9.92	8.41	3.77	2.53	4.35	3.53	2.10	1.46
4	2.58	1.64	7.75	6.89	8.69	8.68	---	2.47	3.99	3.09	2.45	1.54
5	2.50	1.64	8.21	6.62	7.40	9.45	---	2.42	3.59	2.86	2.53	1.69
6	2.43	1.64	7.84	6.20	6.48	10.46	---	2.37	3.42	2.70	2.36	1.71
7	2.38	1.63	7.70	5.70	5.78	10.74	---	2.32	7.97	2.54	2.14	1.65
8	2.33	1.63	7.71	5.19	5.28	10.73	---	2.42	10.65	2.46	1.99	1.54
9	---	1.64	9.18	5.09	5.02	10.60	---	3.06	15.23	2.53	1.89	1.48
10	---	1.65	13.47	8.16	4.94	9.77	9.60	3.19	15.63	2.74	1.91	1.44
11	---	1.68	16.44	9.32	5.98	9.92	10.48	2.84	13.96	2.81	2.17	1.41
12	---	1.76	16.33	9.38	10.84	11.77	10.74	2.64	13.42	2.54	2.39	1.39
13	---	1.91	15.36	8.47	16.28	12.32	10.02	2.64	12.82	2.44	2.57	1.37
14	1.89	1.92	15.22	7.48	18.33	11.71	9.07	2.65	11.89	2.49	2.64	1.34
15	1.87	1.85	14.95	8.31	17.77	10.67	8.29	2.55	10.98	2.39	2.41	1.32
16	1.85	1.79	15.84	9.65	18.71	9.07	7.88	2.42	---	2.26	2.23	1.30
17	1.82	1.75	15.79	9.83	18.99	7.58	7.77	2.32	---	2.15	2.35	1.28
18	1.80	1.71	14.74	9.92	17.62	6.51	7.40	2.22	---	2.13	2.60	1.27
19	1.79	1.71	13.53	10.21	16.50	5.89	6.43	2.50	---	2.07	2.74	1.26
20	1.77	1.82	12.32	10.00	15.36	5.62	5.22	9.75	---	2.06	2.56	1.24
21	1.77	2.22	11.19	9.37	14.26	5.52	4.32	16.10	---	2.02	2.23	1.26
22	1.75	2.12	11.58	8.60	13.52	5.22	3.86	15.97	---	1.91	2.01	4.11
23	1.77	2.10	12.76	8.01	12.92	4.94	3.57	14.77	---	1.85	1.89	7.76
24	1.74	3.07	12.95	8.11	12.30	4.80	3.38	13.25	---	1.84	1.78	8.32
25	1.71	3.82	11.37	8.75	11.45	4.73	3.23	11.84	---	1.84	1.69	7.00
26	1.70	4.26	9.00	8.89	10.62	4.67	3.09	11.64	---	1.90	1.65	5.23
27	1.72	4.51	7.84	8.55	11.66	4.49	2.97	11.35	---	2.46	1.62	4.24
28	1.76	5.02	8.54	8.16	11.66	4.33	2.87	11.01	---	1.91	1.65	4.33
29	1.75	5.26	9.22	8.22	10.69	4.21	2.78	10.43	3.17	1.91	1.61	4.50
30	1.72	5.44	8.98	8.70	---	4.12	2.70	9.17	3.31	1.89	1.57	4.50
31	1.69	---	8.45	9.64	---	3.99	---	7.35	---	1.75	1.53	---
MAX	3.29	5.44	16.44	10.21	18.99	12.32	10.74	16.10	15.63	3.76	2.74	8.32
MIN	1.69	1.63	5.68	5.09	4.94	3.99	2.70	2.22	---	1.75	1.53	1.24

08013500 CALCASIEU RIVER NEAR OBERLIN, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1949, 1966-70, 1976 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1975 to June 1977.
pH: October 1975 to June 1977.
WATER TEMPERATURES: October 1975 to June 1977.
DISSOLVED OXYGEN: October 1975 to June 1977.

INSTRUMENTATION.--Water-quality monitor October 1975 to June 1977.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 380 micromhos Sept. 29, 1976; minimum, 16 micromhos Mar. 9, 1977.
pH: Maximum, 7.6 units May 12, 1977; minimum, 5.0 units Mar. 9, 10, 1977.
WATER TEMPERATURES: Maximum, 30.5°C July 31, Aug. 1, 1976; minimum, 4.0°C Jan. 19-21, 1977.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L Nov. 29, 1975; minimum, 3.7 mg/L May 9, 1977.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT										
17...	1545	71	66	6.3	23.0	30	15	8.8	1.4	K4
JAN										
17...	1230	2070	37	5.2	4.5	80	25	11.4	2.9	180
APR										
09...	1250	--	39	6.5	20.5	80	25	8.0	2.6	--
JUL										
09...	1205	180	51	6.8	28.0	40	15	7.1	.1	56

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
17...	64	14	3.8	1.0	7.6	1.2	18	5.8	6.5
JAN									
17...	960	9	2.3	.71	2.8	1.0	2	8.0	3.8
APR									
09...	340	11	3.4	.58	3.0	1.1	7	5.0	5.3
JUL									
09...	66	12	3.0	.97	4.7	1.0	12	2.9	4.8

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT							
17...	<.1	24	64	61	.1	1.3	.05
JAN							
17...	<.1	7.1	46	27	<.1	1.0	.04
APR							
09...	<.1	6.1	--	28	<.1	1.0	.06
JUL							
09...	<.1	17	56	41	.2	.3	.05

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

08013500 CALCASIEU RIVER NEAR OBERLIN, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
17...	<1	<1	1	1	1	<1	2	<1	120	150	2

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
17...	<10	80	16	1	<.01	10	1	4.8	<.01	<1	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
17...	<1	<.1	<1	<.01	<.1	<.1	1	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
17...	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA

LOCATION.--Lat 30°41'55", long 92°53'35", in NE1/4NE1/4 sec.20, T.4 S., R.5 W., Allen Parish, Hydrologic Unit 08080204, near left bank on downstream side of bridge on State Highway 26, 1.0 mi downstream from Tenmile Creek, 8.0 mi upstream from Bundick Creek, and 10 mi northwest of Oberlin.

DRAINAGE AREA.--510 mi^2.

PERIOD OF RECORD.--January 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is 46.24 ft National Geodetic Vertical Datum of 1929. Prior to Oct. 19, 1944, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--45 years, 811 ft^3/s, 21.59 in/yr, 587,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 144,000 ft^3/s May 18, 1953, gage height, 32.8 ft, from floodmark from rating curve extended above 35,000 ft^3/s on basis of slope-area measurement of peak flow; minimum, 88 ft^3/s Oct. 19, 20, 1956; minimum gage height, 2.41 ft Sept. 9, 10, 11, 1982.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1886 reached a stage of 25.7 ft, from floodmarks preserved by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 3,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 14	1400	7620	17.37	May 24	0230	6520	16.29
Feb. 14	0600	*27400	*23.15	June 10	1930	3540	12.62

Minimum discharge, 167 ft^3/s Sept. 21, gage height, 2.70 ft.

REVISION.--Peak discharge of Dec. 27, 1982 (time unknown) has been revised to 47,500 ft^3/s, gage height, 25.95 ft, from graph based on gage readings.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	293	240	651	732	660	2440	420	313	518	405	278	189
2	279	242	512	649	621	1660	414	309	472	345	270	205
3	268	242	513	617	600	1020	430	306	438	329	266	236
4	260	247	743	602	696	880	699	302	412	318	264	207
5	255	253	1230	581	889	1020	1340	300	391	304	263	219
6	249	253	1530	558	734	2190	1600	298	345	298	262	207
7	245	262	1670	535	606	2520	1280	297	1080	313	263	208
8	242	287	1920	516	544	2580	852	393	1620	301	345	197
9	238	407	1900	541	519	2290	1800	812	2360	298	326	190
10	234	440	1260	1510	775	1410	2110	721	3400	298	284	186
11	232	353	1900	2080	1450	926	2070	536	2950	298	277	184
12	230	316	2700	2010	3180	793	1430	375	1260	298	280	186
13	228	300	4840	1780	11400	767	997	331	820	293	465	183
14	228	290	7430	1170	23900	843	787	315	767	291	635	181
15	230	285	6200	1010	11300	807	625	310	589	290	567	178
16	232	281	3190	1410	7510	719	542	308	493	288	384	175
17	234	281	1420	1510	5520	660	487	307	453	286	294	172
18	232	285	1150	1350	3970	623	452	306	593	285	268	171
19	234	294	1170	1140	3370	595	430	307	515	284	256	170
20	238	300	997	1070	3110	598	410	1940	481	283	254	169
21	244	400	977	920	2120	669	396	4290	480	317	242	176
22	249	798	2480	752	1680	660	383	5590	415	294	236	213
23	244	784	2240	686	1510	560	368	6240	360	293	228	837
24	268	600	1880	1340	1220	533	361	6300	335	293	223	1250
25	274	883	1390	2070	994	639	350	4920	316	292	213	1520
26	255	932	962	2170	906	721	333	3050	304	292	208	1390
27	247	642	780	2150	1750	647	322	1750	311	383	204	648
28	244	555	828	1540	2440	540	314	1030	376	442	200	384
29	244	776	1120	974	2480	494	314	816	355	391	197	319
30	242	930	1230	809	---	474	316	675	407	294	194	286
31	240	---	952	720	---	445	---	582	---	288	193	---
TOTAL	7632	13158	57765	35502	96454	31723	22632	44329	23616	9684	8837	10836
MEAN	246	439	1863	1145	3326	1023	754	1430	787	312	285	361
MAX	293	932	7430	2170	23900	2580	2110	6300	3400	442	633	1520
MIN	228	240	512	516	519	445	314	297	304	283	193	169
CFSM	.48	.86	3.65	2.25	6.52	2.01	1.48	2.80	1.54	.61	.56	.71
IN.	.56	.96	4.21	2.59	7.04	2.31	1.65	3.23	1.72	.71	.64	.79
AC-FT	15140	26100	114600	70420	191300	62920	44890	87930	46840	19210	17530	21490

CAL YR 1983 TOTAL 382676 MEAN 1048 MAX 134000 MIN 199 CFSM 2.06 IN 27.91 AC-FT 759000
WTR YR 1984 TOTAL 362168 MEAN 990 MAX 23900 MIN 169 CFSM 1.94 IN 26.42 AC-FT 718400

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08014500 WHISKY CHITTO CREEK NEAR OBERLIN, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.42	2.85	4.41	4.89	4.72	10.21	4.01	3.53	4.25	3.94	3.34	2.85
2	3.35	2.85	3.88	4.60	4.57	8.07	3.98	3.51	4.06	3.67	3.30	2.95
3	3.28	2.84	3.89	4.49	4.49	6.16	4.05	3.50	3.92	3.60	3.27	3.12
4	3.23	2.86	4.75	4.42	4.83	5.71	5.06	3.48	3.81	3.55	3.27	2.96
5	3.19	2.88	6.38	4.34	5.50	6.13	7.14	3.46	3.71	3.45	3.26	3.03
6	3.15	2.87	7.40	4.25	4.98	9.55	7.91	3.45	3.83	3.45	3.26	2.96
7	3.12	2.91	7.86	4.17	4.51	10.44	6.96	3.44	6.20	3.53	3.26	2.97
8	3.09	3.03	8.66	4.10	4.27	10.57	5.62	3.86	7.89	3.47	3.67	2.90
9	3.06	3.56	8.59	4.19	4.17	9.81	8.48	5.48	9.99	3.45	3.58	2.86
10	3.03	3.71	6.52	7.43	5.07	7.35	9.33	5.17	12.38	3.45	3.37	2.83
11	3.01	3.32	8.58	9.20	7.44	5.86	9.24	4.47	11.38	3.45	3.34	2.81
12	2.99	3.14	10.89	9.00	11.45	5.42	7.40	3.81	6.88	3.45	3.35	2.82
13	2.97	3.05	14.30	8.31	18.72	5.34	6.09	3.61	5.51	3.42	4.17	2.81
14	2.96	2.99	17.19	6.36	22.47	5.59	5.40	3.54	5.33	3.42	4.86	2.79
15	2.96	2.94	15.94	5.84	19.41	5.49	4.82	3.51	4.69	3.41	4.60	2.77
16	2.96	2.92	11.65	7.16	17.25	5.17	4.50	3.50	4.30	3.40	3.84	2.75
17	2.96	2.91	7.10	7.49	15.22	4.96	4.28	3.50	4.14	3.38	3.43	2.74
18	2.94	2.92	6.19	6.98	13.27	4.82	4.14	3.49	4.70	3.38	3.29	2.73
19	2.94	2.96	6.28	6.29	12.32	4.71	4.05	3.50	4.39	3.37	3.22	2.72
20	2.95	2.98	5.71	6.05	11.80	4.72	3.96	8.61	4.26	3.37	3.21	2.71
21	2.97	3.40	5.65	5.57	9.35	4.99	3.90	13.71	4.25	3.54	---	2.76
22	2.99	4.93	10.31	5.02	8.13	4.96	3.84	15.29	3.99	3.43	---	2.99
23	2.95	4.87	9.65	4.79	7.66	4.57	3.78	15.99	3.74	3.42	---	5.51
24	3.07	4.21	8.57	6.91	6.79	4.47	3.74	16.06	3.63	3.42	---	6.89
25	3.09	5.18	7.02	9.19	6.08	4.88	3.70	14.51	3.54	3.42	---	7.68
26	2.98	5.34	5.64	9.48	5.80	5.18	3.62	11.53	3.48	3.42	---	7.29
27	2.93	4.35	5.04	9.42	8.31	4.91	3.57	8.25	3.52	3.84	2.94	4.87
28	2.90	4.02	5.20	7.57	10.23	4.49	3.53	6.03	3.81	4.10	---	3.85
29	2.89	4.84	6.17	5.77	10.33	4.31	3.53	5.34	3.72	3.88	---	3.55
30	2.88	5.36	6.55	5.23	---	4.23	3.54	4.85	3.95	3.43	---	3.39
31	2.86	---	5.62	4.93	---	4.11	---	4.50	---	3.40	2.87	---
MAX	3.42	5.36	17.19	9.48	22.47	10.57	9.33	16.06	12.38	4.10	4.86	7.68
MIN	2.86	2.84	3.88	4.10	4.17	4.11	3.53	3.44	3.48	3.37	---	2.71

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08015500 CALCASIEU RIVER NEAR KINDER, LA
(National stream-quality accounting network station)

LOCATION.--Lat 30°30'10", long 92°54'55", in NW1/4SE1/4 sec.30, T.6 S., R.5 W., Allen Parish, Hydrologic Unit 08080203, near center of span on downstream side of bridge on U.S. Highway 190, 0.5 mi downstream from Whisky Chitto Creek, and 4.0 mi west of Kinder.

DRAINAGE AREA.--1,700 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1922 to January 1925, October 1938 to September 1957, October 1961 to current year. October 1957 to September 1961 (annual maximums) from National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 11.95 ft National Geodetic Vertical Datum of 1929. August 1922 to January 1925, water-stage recorder 400 ft downstream at datum 1.77 ft higher. October 1938 to July 9, 1939, nonrecording gage at present site and datum.

REMARKS.--Records good. Prior to November, 1981, paper mill at Elizabeth pumped about 11 ft^3/s from wells which was later discharged into Mill Creek 36 mi above station. Water is diverted during period April to September at points just above station and 5.0 mi above station for the irrigation of about 7,500 acres of rice, part of which is below station. The maximum rate of withdrawal is about 100 ft^3/s and this diversion results in marked regulation of the low-water flow.

AVERAGE DISCHARGE.--44 years (water years 1923-24, 1939-57, 1962-84), 2,577 ft^3/s, 1,867,000 acre-ft/yr

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 182,000 ft^3/s May 19, 1953, gage height, 32.00 ft; minimum, 136 ft^3/s Aug. 15, 1956; minimum gage height, 1.42 ft Sept 30, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 49,500 ft^3/s Feb. 15, gage height, 21.67 ft; minimum, 275 ft^3/s Sept. 20, 21, gage height, 1.59 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1140	351	1770	2960	3190	6400	1130	623	1890	1360	537	393
2	1000	350	1640	2550	3410	5620	1070	614	1240	1120	482	399
3	923	350	1640	2300	3490	4030	1090	605	968	1020	445	427
4	867	349	1990	2160	3290	3460	1230	604	830	917	523	446
5	821	350	2520	2070	2910	3260	1780	603	729	1080	507	434
6	750	347	2930	1940	2500	4240	2390	600	837	839	481	437
7	670	346	3110	1780	2040	5240	2820	598	5070	695	472	421
8	590	346	3460	1610	1690	5730	2680	622	5280	667	458	409
9	510	369	3920	1620	1520	5920	2970	969	5240	640	556	396
10	430	499	5150	3770	1520	5620	4280	1350	7090	620	504	371
11	421	476	10200	5430	2190	4140	4740	1310	8870	610	465	359
12	495	412	13800	5350	5750	3850	4990	1020	8400	600	496	349
13	490	391	14600	5020	11200	4070	4540	815	5830	595	673	343
14	469	390	14000	4380	29000	4360	3850	719	5120	590	1230	340
15	405	378	15500	3820	46500	4320	3120	651	4390	580	1260	334
16	393	354	14700	4300	33200	3880	2590	607	3800	560	961	315
17	386	350	11700	4700	27300	3110	2340	603	3200	545	762	303
18	378	349	8800	4690	25100	2440	2200	600	2390	498	693	291
19	371	355	7340	4570	18400	2090	1970	856	1910	475	667	284
20	368	392	6230	4290	14000	1910	1610	6500	1620	456	647	278
21	370	376	5200	3930	11600	1870	1290	10800	1540	484	592	309
22	373	765	6690	3430	9030	1850	1100	13800	1400	528	538	1140
23	366	900	6900	2970	7200	1690	989	14500	1210	468	484	2700
24	360	950	7000	2930	6130	1730	911	13200	1170	437	449	4160
25	381	1320	6200	4300	5280	1720	845	11800	1250	418	431	4250
26	368	1500	4620	4750	4720	1750	790	10000	1050	538	412	3860
27	354	1400	3450	4880	5790	1710	756	7370	919	701	409	3270
28	352	1350	3080	4000	6550	1540	709	5270	1060	844	396	2500
29	353	1460	3350	3400	6840	1420	683	4210	1440	861	396	1740
30	353	1720	3550	2900	---	1330	632	3730	1460	848	424	1350
31	352	---	3390	3100	---	1210	---	2880	---	589	431	---
TOTAL	15859	19245	198430	109980	301340	101510	62095	118429	87203	21183	17781	32608
MEAN	512	642	6401	3548	10390	3275	2070	3820	2907	683	574	1087
MAX	1140	1720	15500	5430	46500	6400	4990	14500	8870	1360	1260	4250
MIN	352	346	1640	1610	1520	1210	632	598	729	418	396	278
AC-FT	31460	38170	393600	218100	597700	201300	123200	234900	173000	42020	35270	64680

CAL YR 1983 TOTAL 1364978 MEAN 3740 MAX 46300 MIN 346 AC-FT 2707000
WTR YR 1984 TOTAL 1085663 MEAN 2966 MAX 46500 MIN 278 AC-FT 2153000

08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.61	2.21	6.31	9.04	9.50	13.58	4.58	3.06	7.07	5.22	2.79	1.97
2	4.21	2.21	5.96	8.22	9.93	12.86	4.41	3.03	5.37	4.55	2.62	1.99
3	3.96	2.21	5.97	7.62	10.06	11.37	4.47	3.00	4.60	4.26	2.51	2.09
4	3.80	2.21	6.87	7.29	9.68	10.01	4.86	3.00	4.19	3.95	2.75	2.15
5	3.66	2.21	8.14	7.05	8.95	9.64	6.33	2.99	3.88	4.43	2.70	2.10
6	---	2.20	8.98	6.74	8.10	10.76	7.83	2.99	4.15	3.71	2.62	2.13
7	---	2.20	9.34	6.33	7.00	12.45	8.76	2.98	11.35	3.28	2.59	2.06
8	---	2.20	10.00	5.91	6.10	12.98	8.49	3.05	12.50	3.19	2.55	2.02
9	---	2.27	10.73	5.91	5.66	13.15	9.06	4.10	12.45	---	2.85	1.98
10	---	2.68	11.72	9.66	5.64	12.86	10.92	5.19	13.68	---	2.69	1.90
11	2.42	2.60	15.06	12.34	7.32	11.46	11.86	5.09	15.05	---	2.57	1.86
12	2.67	2.41	16.60	12.58	11.75	10.63	12.18	4.26	14.82	---	2.67	1.83
13	2.65	2.34	16.81	12.20	15.38	10.96	11.61	3.64	13.45	---	3.21	1.81
14	2.59	2.33	16.66	11.38	18.66	11.35	10.61	3.35	12.31	---	4.83	1.80
15	2.38	2.30	17.01	10.57	21.37	11.30	9.35	3.14	11.40	---	4.92	1.78
16	2.35	2.22	16.82	11.38	19.84	10.66	8.29	3.01	10.55	---	3.95	1.72
17	2.32	2.21	16.04	11.82	19.04	9.33	7.73	2.99	9.50	---	3.28	1.68
18	2.30	2.21	15.01	11.80	18.73	7.96	7.39	2.98	7.82	2.66	3.02	1.64
19	2.28	2.23	14.25	11.65	17.60	7.11	6.82	3.73	6.65	2.59	2.93	1.62
20	2.27	2.34	13.43	11.26	16.67	6.67	5.88	11.85	5.92	2.53	2.86	1.60
21	2.27	2.29	12.40	10.74	16.00	6.55	5.02	15.47	5.70	2.62	2.67	1.70
22	2.28	3.49	12.47	9.94	15.13	6.52	4.49	16.60	5.34	2.76	2.48	4.31
23	2.26	---	13.96	9.06	14.18	6.11	4.16	16.79	4.81	2.57	2.28	8.49
24	2.24	---	14.04	8.98	13.34	6.20	3.93	16.46	4.69	2.47	2.16	10.76
25	2.31	---	13.40	10.88	12.50	6.17	3.73	16.08	4.91	2.41	2.09	11.21
26	2.27	---	12.19	11.88	11.84	6.27	3.57	15.48	4.34	2.79	2.03	10.64
27	2.22	---	10.21	12.05	12.71	6.15	3.46	14.52	3.95	3.29	2.02	9.64
28	2.22	5.20	9.29	---	13.71	5.72	3.32	12.96	4.37	3.73	1.98	8.09
29	2.22	5.48	9.81	---	13.95	5.39	3.24	11.48	5.45	3.78	1.98	6.22
30	2.22	6.18	10.16	---	---	5.13	3.08	10.44	5.49	3.74	2.07	5.19
31	2.22	---	9.88	---	---	4.80	---	9.04	---	2.95	2.10	---
MAX	4.61	6.18	17.01	12.58	21.37	13.58	12.18	16.79	15.05	5.22	4.92	11.21
MIN	2.22	2.20	5.96	5.91	5.64	4.80	3.08	2.98	3.88	2.41	1.98	1.60

08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1944, 1966-69, 1973-75, 1979 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1979 to September 1982.
WATER TEMPERATURES: June 1979 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 139 micromhos June 24, 1979; minimum daily, 13 micromhos Sept. 21, 1979.
WATER TEMPERATURES: Maximum daily, 34.0°C Aug. 26, 1981; minimum daily, 6.0°C Jan. 12, 1981.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A specific conductance of 187 micromhos was observed July 16, 1969. A water temperature of 5.0°C was observed Jan. 17, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	STREAM-FLOW, INSTANTANEOUS (CFS)	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
17...	1300	390	61	6.3	23.0	20	7.0	8.7	1.6	520	K21000
JAN											
17...	1110	4700	40	5.3	5.0	60	30	10.5	2.0	640	2400
APR											
09...	1120	2920	43	6.6	19.0	80	22	8.7	2.2	--	390
JUL											
09...	1050	660	55	6.9	27.5	30	15	7.0	.1	76	K48

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)
OCT									
17...	12	3.2	1.0	6.7	1.3	17	4.8	6.0	<.1
JAN									
17...	9	2.1	.82	3.4	1.3	5	4.4	4.7	<.1
APR									
09...	9	2.2	.72	4.2	1.2	7	4.0	5.6	<.1
JUL									
09...	12	3.3	1.0	5.2	1.1	15	2.5	5.3	<.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)
OCT									
17...	25	64	58	.13	.17	.7	.04	.03	.03
JAN									
17...	8.2	29	28	<.10	.04	.7	.11	.02	.01
APR									
09...	11	41	34	.15	.14	1.8	.10	.05	.03
JUL									
09...	21	63	49	<.10	.07	1.1	.06	.05	.02

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

08015500 CALCASIEU RIVER NEAR KINDER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 17...	30	1	39	<.5	1	<1	<3	2	240	1
JAN 17...	250	<1	38	<.5	<1	<1	<3	5	300	3
APR 09...	60	1	33	<1	<1	3	<3	5	260	5
JUL 09...	60	1	36	1	<1	<1	<3	1	160	1

DATE	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 17...	<4	55	<.1	<10	2	<1	3	27	<6	9
JAN 17...	<4	56	<.1	<10	2	<1	1	13	<6	12
APR 09...	<4	36	.4	<10	6	<1	1	17	<6	15
JUL 09...	10	74	.1	<10	8	<1	3	27	<6	15

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 17...	15	16	67
JAN 17...	38	482	88
APR 09...	45	355	91
JUL 09...	20	36	74

< Actual value is known to be less than the value shown.

08016400 BECKWITH CREEK NEAR DE QUINCY, LA

LOCATION.--Lat 30°28'15", long 93°21'35", in SE1/4 NW1/4 sec.11, T.7 S., R.10 W., Beauregard Parish, Hydrologic Unit 08080205, near right bank on downstream side of bridge on State Highway 12, 300 ft upstream from New Orleans, Texas and Mexico Railway bridge, 2.3 mi downstream from Hams Creek, and 4.4 mi northeast of De Quincy.

DRAINAGE AREA.--148 mi^2.

PERIOD OF RECORD.--August 1945 to September 1984 (discontinued).

REVISED RECORDS.--WSP 1118: 1946, 1947(m). WSP 1512: 1945.

GAGE.--Water-stage recorder. Datum of gage is 25.29 ft National Geodetic Vertical Datum of 1929. Prior to Oct. 28, 1950, nonrecording gage and Oct. 29, 1950 to Jan. 3, 1961, water-stage recorder 1,000 ft upstream at same datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--39 years, 199 ft^3/s, 18.26 in/yr, 144,200 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,800 ft^3/s May 21, 1955, gage height, 24.45 ft; minimum, 0.08 ft^3/s Nov. 1, 1978; minimum gage height, 0.87 ft Sept. 26, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,600 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	unknown	a3000	unknown	Jan. 10	1200	1710	15.82
Dec. 22	0830	1820	16.36	Feb. 14	1530	*4330	*19.94

a About.

Minimum discharge, 3.2 ft^3/s Sept. 19, 20, 21, gage height, 1.35 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.3	12	17	72	73	227	28	12	17	21	22	7.2
2	8.3	11	206	63	62	129	26	12	12	14	20	55
3	7.8	9.6	131	55	74	88	28	11	9.5	11	14	20
4	7.5	8.9	164	50	82	73	31	11	8.0	9.7	11	90
5	7.0	8.4	160	46	78	128	37	9.7	7.1	10	8.3	59
6	6.8	8.5	146	43	80	316	37	9.0	7.6	8.7	6.6	34
7	6.6	8.4	189	41	72	298	31	8.4	12	9.3	5.6	16
8	6.2	8.3	214	39	57	363	587	57	12	20	4.3	9.3
9	6.0	8.1	212	423	51	396	782	114	11	12	5.1	16
10	5.8	7.9	177	1610	103	212	368	69	14	7.8	7.6	7.2
11	5.5	8.0	602	1170	435	101	369	53	16	6.0	6.4	4.8
12	5.5	8.3	2780	788	1560	75	401	27	12	5.0	5.6	4.4
13	5.4	8.3	2160	683	2040	74	212	17	9.7	4.5	13	4.0
14	5.2	8.3	1880	674	3520	82	103	12	8.0	4.4	53	3.8
15	5.1	9.1	1400	785	3000	96	57	8.9	9.1	4.4	87	3.7
16	5.2	11	884	654	1900	78	40	7.4	36	4.4	47	3.6
17	5.3	11	322	391	1340	65	32	6.6	22	4.1	34	3.5
18	5.3	10	149	418	900	57	28	7.3	15	4.2	26	3.4
19	5.3	10	111	352	730	53	25	103	28	4.7	19	3.3
20	5.4	9.9	91	233	797	54	23	1330	27	12	13	3.2
21	77	10	528	193	1020	57	22	823	98	7.4	9.1	61
22	166	9.9	1620	154	585	61	20	672	52	4.9	8.5	944
23	157	9.8	516	220	308	53	18	530	25	9.3	9.4	1030
24	103	11	229	901	214	281	17	429	16	12	7.8	860
25	63	11	203	748	139	157	16	398	16	8.8	6.2	647
26	45	10	140	514	217	87	14	171	18	42	6.0	640
27	31	9.7	99	480	773	65	14	46	11	48	5.0	603
28	22	8.9	135	448	411	50	13	25	36	22	4.3	385
29	18	9.5	114	237	285	40	12	20	79	14	3.9	81
30	16	9.8	95	126	---	35	12	21	38	18	3.9	35
31	14	---	83	91	---	31	---	24	---	15	4.3	---
TOTAL	836.5	284.6	15757	12702	20906	3882	3403	5044.3	682.0	378.6	476.9	5637.4
MEAN	27.0	9.49	508	410	721	125	113	163	22.7	12.2	15.4	188
MAX	166	12	2780	1610	3520	396	782	1330	98	48	87	1030
MIN	5.1	7.9	17	39	51	31	12	6.6	7.1	4.1	3.9	3.2
CFSM	.18	.06	3.43	2.77	4.87	.84	.76	1.10	.15	.08	.10	1.27
IN.	.21	.07	3.96	3.19	5.25	.98	.86	1.27	.17	.10	.12	1.42
AC-FT	1660	565	31250	25190	41470	7700	6750	10010	1350	751	946	11180

CAL YR 1983 TOTAL 100893.5 MEAN 276 MAX 3520 MIN 5.1 CFSM 1.86 IN. 25.36 AC-FT 200100
WTR YR 1984 TOTAL 69990.3 MEAN 191 MAX 3520 MIN 3.2 CFSM 1.29 IN. 17.59 AC-FT 138800

08016400 BECKWITH CREEK NEAR DE QUINCY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.84	1.91	2.05	3.30	3.31	5.32	2.38	1.87	2.60	2.38	2.27	1.54
2	1.79	1.83	5.10	3.11	3.11	4.14	2.33	1.86	2.40	2.15	2.23	2.93
3	1.75	1.78	4.16	2.96	3.32	3.56	2.37	1.85	2.28	1.99	2.03	2.15
4	1.72	1.74	4.57	2.87	3.46	3.31	2.45	1.80	2.18	1.94	1.89	3.36
5	1.70	1.71	4.53	2.80	3.40	4.06	2.61	1.76	2.12	1.94	1.75	3.03
6	1.67	1.72	4.36	2.75	3.43	6.25	2.60	1.73	2.12	1.87	1.65	2.51
7	1.65	1.71	4.89	2.69	3.28	6.08	2.47	1.69	2.34	1.89	1.57	2.02
8	1.62	1.71	5.18	2.64	3.00	6.68	7.98	2.96	2.33	2.29	1.49	1.74
9	1.61	1.70	5.16	6.39	2.88	6.98	10.08	3.94	2.24	2.01	1.54	1.98
10	1.60	1.69	4.74	15.29	3.72	5.13	6.72	3.23	2.34	1.79	1.70	1.62
11	1.58	1.68	8.76	12.67	7.13	3.75	6.71	2.93	2.43	1.67	1.62	1.47
12	1.57	1.70	18.40	10.16	14.93	3.34	7.07	2.36	2.26	1.60	1.56	1.44
13	1.56	1.70	17.40	9.39	17.09	3.33	5.17	2.06	2.13	1.57	1.93	1.41
14	1.55	1.70	16.60	9.33	19.06	3.46	3.77	1.85	2.03	1.55	2.87	1.40
15	1.54	1.74	14.08	10.12	18.62	3.68	3.01	1.72	2.06	1.55	3.56	1.39
16	1.55	1.83	10.79	9.13	16.56	3.40	2.67	1.64	2.92	1.55	2.84	1.38
17	1.55	1.81	6.23	6.93	13.69	3.16	2.49	1.59	2.54	1.53	2.57	1.37
18	1.56	1.80	4.39	7.17	10.93	3.00	2.37	1.63	2.31	1.53	2.36	1.36
19	1.56	1.79	3.90	6.58	9.74	2.93	2.30	3.04	2.65	1.56	2.13	1.36
20	1.55	1.77	3.61	5.39	10.22	2.95	2.24	13.61	2.62	1.96	1.91	1.35
21	3.21	1.78	7.23	4.94	11.75	3.00	2.19	10.40	4.01	1.74	1.75	2.48
22	4.63	1.77	15.30	4.45	8.57	3.09	2.14	9.40	3.19	1.56	1.72	11.04
23	4.53	1.77	7.89	5.10	6.17	2.93	2.10	8.42	2.58	1.79	1.75	11.79
24	3.82	1.82	5.35	10.93	5.18	5.78	2.05	7.66	2.31	1.97	1.67	10.65
25	3.16	1.82	5.05	9.86	4.26	4.48	2.01	7.42	2.27	1.81	1.58	9.11
26	2.82	1.80	4.27	8.03	5.01	3.54	1.97	5.21	2.32	2.66	1.56	9.07
27	2.49	1.76	3.74	7.73	10.01	3.15	1.93	3.40	2.08	2.90	1.49	8.77
28	2.23	1.72	4.21	7.45	7.11	2.86	1.90	2.89	2.66	2.27	1.44	6.83
29	2.10	1.75	3.95	5.40	5.95	2.67	1.89	2.76	3.63	2.05	1.41	3.39
30	2.05	1.77	3.67	4.10	---	2.55	1.89	2.77	2.83	2.15	1.41	2.56
31	2.00	---	3.48	3.61	---	2.46	---	2.85	---	2.06	1.43	---
MAX	4.63	1.91	18.40	15.29	1[illegible].06	6.98	10.08	13.61	4.01	2.90	3.56	11.79
MIN	1.54	1.68	2.05	2.64	[illegible].88	2.46	1.89	1.59	2.03	1.53	1.41	1.35

08016800 BEAR HEAD CREEK NEAR STARKS, LA

LOCATION.--Lat 30°19'59", long 93°37'44", in sec.30, T.8 S., R.12 W., Calcasieu Parish, Hydrologic Unit 08080205, near right bank on downstream side of bridge on State Highway 12, 2.4 mi northeast of Starks, and 3.5 mi downstream from Green Island Marsh Creek.

DRAINAGE AREA.--177 mi^2.

PERIOD OF RECORD.--Annual maximums, water years 1954-56. March 1956 to September 1984 (discontinued).

REVISED RECORDS.--WSP 2122: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 16.34 ft National Geodetic Vertical Datum of 1929. Oct. 13, 1953 to Mar. 8, 1956, crest-stage gage at site 100 ft downstream at same datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--28 years, 237 ft^3/s, 18.18 in/yr, 171,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,100 ft^3/s corrected, Dec. 28, 1982, gage height, 18.32 ft; no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,210 ft^3/s Dec. 13, gage height, 14.99 ft; minimum, .09 ft^3/s Aug. 16, gage height, 7.15 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.7	1.7	138	58	130	257	19	2.4	4.1	293	8.2	.54
2	4.8	1.3	127	51	68	232	15	2.2	2.9	466	5.5	.72
3	3.5	1.1	135	36	71	168	14	2.0	2.1	305	3.1	.47
4	2.7	.96	148	24	79	88	14	1.8	1.4	115	1.8	.84
5	2.1	.88	214	17	77	58	14	1.7	1.1	45	1.1	1.9
6	1.6	.94	334	17	75	78	13	1.6	1.4	33	1.0	9.8
7	1.2	1.1	410	18	65	112	17	1.5	3.5	22	.75	8.4
8	.92	1.1	413	16	50	153	104	2.1	14	13	.56	6.7
9	.69	1.2	394	107	38	203	400	2.3	21	12	.51	4.8
10	.57	1.4	408	465	46	229	639	15	23	24	.44	2.9
11	.47	1.3	679	1010	96	200	765	42	23	20	.38	2.1
12	.39	1.1	2000	1200	258	107	1010	42	14	21	.33	2.0
13	.33	1.4	3060	1210	764	70	1060	19	7.5	16	.31	1.8
14	.25	1.7	3030	1090	1440	66	830	8.5	4.7	21	.27	1.5
15	.18	1.7	2500	988	2290	72	519	5.0	3.1	12	.21	1.6
16	.15	1.4	1910	895	2590	89	263	3.6	2.6	6.5	.16	1.9
17	.15	1.2	1420	833	2040	95	88	2.3	4.4	4.0	9.9	1.8
18	.18	1.1	987	733	1470	72	38	1.6	4.8	2.6	28	1.5
19	.16	2.4	569	603	1060	57	22	15	22	1.7	15	1.3
20	.13	3.9	292	511	788	54	15	211	75	1.2	8.1	1.1
21	.20	35	196	453	782	50	12	538	78	.83	4.8	1.5
22	40	61	340	376	910	47	9.1	607	61	.61	2.8	3.5
23	78	81	546	286	855	51	7.1	429	56	.45	1.8	6.6
24	43	109	602	290	657	116	5.7	346	44	.34	1.3	131
25	15	131	521	453	461	258	4.8	274	20	.25	.84	352
26	8.4	148	478	643	312	350	4.1	193	10	.57	.90	473
27	5.9	144	333	689	212	307	3.7	112	5.8	1.5	.78	589
28	4.5	136	151	631	226	186	3.4	40	14	3.4	.64	668
29	3.5	157	98	534	257	83	3.1	17	112	11	1.4	710
30	2.7	161	68	437	---	42	2.7	9.6	183	23	1.1	659
31	2.0	---	61	277	---	28	---	6.0	---	13	.48	---
TOTAL	230.37	1191.88	22562	14951	18167	3978	5914.7	2954.2	819.4	1488.95	102.46	3647.27
MEAN	7.43	39.7	728	482	626	128	197	95.3	27.3	48.0	3.31	122
MAX	78	161	3060	1210	2590	350	1060	607	183	466	28	710
MIN	.13	.88	61	16	38	28	2.7	1.5	1.1	.25	.16	.47
CFSM	.04	.22	4.11	2.72	3.54	.72	1.11	.54	.15	.27	.02	.69
IN.	.05	.25	4.74	3.14	3.82	.84	1.24	.62	.17	.31	.02	.77
AC-FT	457	2360	44750	29660	36030	7890	11730	5860	1630	2950	203	7230

CAL YR 1983 TOTAL 127216.41 MEAN 349 MAX 4540 MIN .13 CFSM 1.97 IN. 26.74 AC-FT 252300
WTR YR 1984 TOTAL 76007.23 MEAN 208 MAX 3060 MIN .13 CFSM 1.18 IN. 15.97 AC-FT 150800

08016800 BEAR HEAD CREEK NEAR STARKS, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.96	7.61	10.52	9.37	10.47	11.25	8.31	7.55	7.69	11.26	7.91	7.29
2	7.86	7.57	10.40	9.21	9.56	11.16	8.18	7.53	7.60	11.88	7.77	7.34
3	7.78	7.54	10.49	8.93	9.62	10.83	8.15	7.52	7.52	11.33	7.61	7.28
4	7.72	7.51	10.63	8.68	9.78	9.92	8.14	7.50	7.45	9.98	7.49	7.35
5	7.66	7.50	11.03	8.52	9.73	9.37	8.13	7.49	7.40	8.80	7.40	7.48
6	7.61	7.51	11.47	8.51	9.70	9.74	8.11	7.47	7.43	8.57	7.39	7.97
7	7.56	7.54	11.70	8.55	9.52	10.31	8.24	7.45	7.64	8.33	7.34	7.91
8	7.52	7.53	11.71	8.48	9.20	10.72	9.76	7.53	8.10	8.09	7.30	7.84
9	7.48	7.55	11.65	9.78	8.97	11.02	11.64	7.54	8.33	8.03	7.29	7.73
10	7.45	7.57	11.69	11.84	9.13	11.12	12.30	8.12	8.36	8.39	7.27	7.59
11	7.43	7.56	12.36	12.96	10.01	10.96	12.55	8.74	8.37	8.26	7.25	7.53
12	7.41	7.54	14.07	13.23	11.20	10.05	12.96	8.74	8.11	8.31	7.24	7.51
13	7.39	7.57	14.90	13.26	12.51	9.40	13.05	8.25	7.87	8.17	7.23	7.49
14	7.36	7.62	14.88	13.09	13.53	9.32	12.67	7.92	7.72	8.32	7.22	7.46
15	7.34	7.60	14.52	12.93	14.35	9.43	12.00	7.74	7.61	8.04	7.20	7.47
16	7.33	7.57	14.03	12.78	14.58	9.72	11.14	7.65	7.57	7.82	7.18	7.50
17	7.33	7.54	13.52	12.68	14.15	9.82	9.59	7.54	7.70	7.68	7.77	7.49
18	7.33	7.53	12.92	12.49	13.57	9.42	8.65	7.47	7.73	7.57	8.47	7.46
19	7.32	7.64	12.12	12.22	13.04	9.13	8.35	7.93	8.25	7.48	8.16	7.43
20	7.31	7.79	11.34	12.00	12.60	9.05	8.16	10.76	9.38	7.41	7.90	7.41
21	7.33	8.66	10.97	11.84	12.58	8.96	8.04	12.05	9.44	7.36	7.73	7.45
22	8.68	9.25	11.49	11.60	12.81	8.90	7.94	12.23	9.12	7.31	7.59	7.65
23	9.58	9.62	12.08	11.34	12.71	8.98	7.85	11.76	9.02	7.27	7.50	7.79
24	8.90	10.08	12.22	11.35	12.33	10.07	7.78	11.49	8.79	7.24	7.44	10.10
25	8.29	10.41	12.02	11.83	11.86	11.16	7.73	11.22	8.29	7.21	7.36	11.50
26	8.05	10.60	11.91	12.31	11.41	11.50	7.69	10.83	7.98	7.29	7.37	11.89
27	7.93	10.56	11.46	12.40	11.08	11.36	7.66	9.97	7.79	7.46	7.33	12.19
28	7.85	10.49	10.70	12.28	11.14	10.78	7.64	8.70	8.03	7.62	---	12.36
29	7.79	10.68	10.07	12.06	11.25	9.56	7.61	8.22	9.93	8.01	---	12.45
30	7.72	10.72	9.56	11.78	---	8.78	7.58	7.96	10.77	8.37	7.40	12.34
31	7.66	---	9.42	11.30	---	8.49	---	7.80	---	8.10	7.28	---
MAX	9.58	10.72	14.90	13.26	14.58	11.50	13.05	12.23	10.77	11.88	8.47	12.45
MIN	7.31	7.50	9.42	8.48	8.97	8.49	7.58	7.45	7.40	7.21	7.18	7.28

08017015 HOUSTON RIVER NEAR BUHLER, LA

LOCATION.--Lat 30°17'24", long 93°21'20", in SE1/4 sec.11, T.8 S., R.9 W., Louisiana Meridian, Calcasieu Parish, Hydrologic Unit 08080205, at bridge on State Highway 27, and 3.0 mi south of Buhler.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1976 to September 1984 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT									
17...	1120	60	5.5	24.5	80	20	2.8	3.1	K5
NOV									
21...	1020	2590	6.0	18.5	60	15	2.4	1.7	100
DEC									
08...	1020	98	6.0	15.5	60	30	4.4	1.9	70
JAN									
20...	0920	54	5.3	4.5	160	30	9.6	2.0	K31
FEB									
07...	1110	72	5.1	12.5	120	55	6.5	2.1	200
MAR									
22...	1200	71	6.1	21.0	120	45	3.7	3.9	50
APR									
12...	0940	57	5.9	19.5	120	80	5.4	2.8	K220
MAY									
14...	0845	62	6.3	23.5	160	50	5.2	4.1	K16
JUN									
11...	1115	69	6.0	26.0	120	25	.9	2.6	K19
JUL									
12...	0835	53	5.9	28.0	80	20	4.3	.3	56
AUG									
16...	0945	69	6.0	25.5	60	15	3.3	1.5	430
SEP									
12...	1045	82	6.5	28.0	50	6.0	6.5	6.3	72

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT									
17...	K2200	12	3.2	.97	5.8	.9	3	10	9.4
NOV									
21...	K160	240	18	48	390	14	14	110	720
DEC									
08...	620	18	4.9	1.5	11	1.5	11	11	16
JAN									
20...	810	10	2.4	.91	5.5	1.0	2	9.0	8.2
FEB									
07...	420	13	3.4	1.1	8.2	1.1	3	9.9	13
MAR									
22...	240	13	3.2	1.1	8.2	.9	8	4.9	13
APR									
12...	390	10	2.6	.80	6.0	1.0	3	8.9	9.4
MAY									
14...	K46	12	3.0	1.1	7.7	1.6	9	6.6	11
JUN									
11...	K44	13	3.3	1.1	6.1	1.0	8	5.9	10
JUL									
12...	380	10	2.6	.89	4.8	.7	5	4.8	8.2
AUG									
16...	940	13	3.4	1.1	6.5	2.0	13	6.2	8.4
SEP									
12...	84	17	4.5	1.3	9.0	1.2	19	6.0	10

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 17...	<.1	4.8	65	37	<.1	1.4	.14
NOV 21...	.1	7.6	1390	1320	<.1	.9	.05
DEC 08...	<.1	7.8	79	60	.1	.5	.16
JAN 20...	<.1	5.5	58	34	<.1	.9	.04
FEB 07...	<.1	5.5	61	44	.2	1.4	.07
MAR 22...	<.1	7.0	--	43	.1	.9	.08
APR 12...	<.1	3.5	--	34	.2	1.7	.09
MAY 14...	.1	5.2	86	42	<.1	4.2	.12
JUN 11...	<.1	5.3	--	36	<.1	2.2	.11
JUL 12...	<.1	3.9	52	25	<.1	1.0	.05
AUG 16...	<.1	3.6	42	39	<.1	.6	.09
SEP 12...	<.1	4.3	64	47	<.1	.8	.10

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT 17...	1	<1	1	8	8	<1	6	9	470	2700	4
MAR 22...	1	--	<1	--	--	<1	13	--	470	--	8
APR 12...	1	--	<1	--	--	<1	4	--	280	--	1
JUL 12...	1	--	<1	--	--	<1	3	--	380	--	2

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT 17...	140	180	680	1.0	<.01	20	100	15	<.01	15	<.1
MAR 22...	--	280	--	.1	--	22	--	15	--	--	--
APR 12...	--	140	--	<.1	--	13	--	15	--	--	<.1
JUL 12...	--	150	--	.3	--	13	--	13	--	--	--

< Actual value is known to be less than the value shown.

08017015 HOUSTON RIVER NEAR BUHLER, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
17...	<1	<.1	<1	<.01	<.1	<.1	<1	<.01	.3	<.01	1.9
APR											
12...	--	<.1	--	<.01	--	<.1	--	<.01	--	<.01	--

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	.2	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR										
12...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR										
12...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
17...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1
APR										
12...	<.01	--	<.01	--	<.01	--	<.01	--	<.01	--

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
17...	<.1	<1	<1	<10	<.01	<.1	.01	<.01	<.01	<.01
APR										
12...	<.1	--	<1	--	<.01	--	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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08022500 SABINE RIVER AT LOGANSPORT, LA

LOCATION.--Lat 31°58'20", long 94°00'22", De Soto Parish, Louisiana - Shelby County, Texas State line at Logansport, Hydrologic Unit 12010004, just upstream from bridge on U.S. Highway 84, 3 mi upstream from Bayou Castor, 111 mi upstream from Toledo Bend Dam, and at mile 267.1.

DRAINAGE AREA.--4,842 mi^2.

PERIOD OF RECORD.--Water years 1973, 1976 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 20...	0930	721	7.8	24.0	5	5.0	9.2	3.5	53
JAN 18...	1340	332	6.6	3.0	40	15	11.8	3.2	70
APR 11...	1200	249	7.5	17.5	30	25	8.9	2.3	K15
JUL 11...	0900	526	7.6	30.5	15	3.0	5.9	2.7	K10

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 20...	1300	71	19	5.8	120	4.6	158	40	110
JAN 18...	250	53	13	5.0	37	3.3	22	34	60
APR 11...	35	62	18	4.2	21	3.7	54	25	25
JUL 11...	K11	71	19	5.6	75	3.9	77	31	92

DATE	FLUO-RIDE, DIS-SOLVED AS AS F)	SILICA, DIS-SOLVED (MG/L SOLVED SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-(MG/L (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 20...	.4	1.4	403	393	<.1	1.1	.11
JAN 18...	.2	14	201	180	.3	1.0	.16
APR 11...	.2	6.6	159	136	.1	2.7	.13
JUL 11...	.3	4.1	298	273	<.1	.9	.06

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

08022500 SABINE RIVER AT LOGANSPORT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, DISSOLVED (UG/L AS PB)
OCT											
20...	2	<1	1	2	5	<1	3	4	20	2900	2

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	CARBON, ORGANIC TOTAL (MG/L AS C)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)
OCT											
20...	100	10	130	<1	<.01	<10	16	7.9	<.01	<1	<.1

DATE	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT											
20...	<1	<.1	<1	<.01	<.1	<.1	7	<.01	<.1	<.01	<.1

DATE	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
20...	<.01	.4	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
20...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
OCT										
20...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT										
20...	<.1	<1	<1	<10	<.01	<.1	.04	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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08022765 BAYOU CASTOR NEAR FUNSTON, LA

LOCATION.--Lat 32°00'57", long 93°57'35", SW1/4NE1/4 sec.24, T.12 N., R.16 W., De Soto Parish, Hydrologic Unit 12010004, near center of span on downstream side of bridge on unnumbered parish road, 0.3 mi downstream from Bushneck Bayou, and 2.4 mi south of Funston.

DRAINAGE AREA.--91.5 mi^2.

PERIOD OF RECORD.--October 1971 to current year.

GAGE.--Non-recording gage. Datum of gage is 185.50 ft National Geodetic Vertical Datum of 1929. Prior to Oct. 12, 1983, water-stage recorder at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--13 years, 64.5 ft^3/s, 9.57 in/yr, 46,730 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,860 ft^3/s Mar. 6, 1984, gage height, 15.29 ft from floodmark; minimum, no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 900 ft^3/s and maximum(*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 13	unknown	2700	14.51	Mar. 6	unknown	*4860	*15.29
Feb. 28	unknown	970	13.37				

Minimum, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.02	7.1	11	67	12	4.5	.21	.00	.00	.00
2	.00	.00	.03	7.9	8.4	47	36	3.5	.17	.00	.00	.00
3	.00	.00	22	8.4	11	39	274	13	.15	.00	.00	.00
4	.00	.00	89	8.2	14	64	100	12	.11	.00	1.4	.00
5	.00	.00	55	7.6	12	2600	40	5.4	.09	.00	.08	.00
6	.00	.00	11	6.8	9.8	2620	25	3.0	.17	.00	.02	.00
7	.00	.00	2.3	6.3	8.4	638	22	1.9	.26	.00	.01	.00
8	.00	.00	.45	5.9	7.1	181	20	2.1	.30	.00	.01	.00
9	.00	.00	.15	8.4	9.3	77	19	39	.21	.00	.00	.00
10	.00	.00	93	25	40	53	16	18	.17	.00	.00	.00
11	.00	.00	556	42	88	42	19	7.3	.14	.00	.00	.00
12	.00	.00	543	33	872	45	22	3.3	.17	.00	.00	.00
13	.00	.00	129	22	2530	101	20	2.0	.13	.04	.00	.00
14	.00	.00	36	15	1120	92	15	1.5	.08	.01	.00	.00
15	.00	.00	22	19	198	54	13	1.2	.07	.20	.00	.00
16	.00	.00	19	33	113	43	9.8	.98	.06	.48	.00	.00
17	.00	.00	24	36	82	36	8.4	.88	.06	.15	.00	.00
18	.00	.00	33	26	52	31	7.6	.73	.05	.05	.00	.00
19	.00	.00	32	22	39	28	6.6	.65	.05	.03	.00	.00
20	.00	.00	22	26	33	24	6.1	.69	.04	.02	.00	.00
21	.00	.01	46	18	28	21	5.4	.88	.04	.00	.00	.00
22	.00	.01	266	13	24	19	5.0	1.1	.03	.00	.00	.01
23	.00	.01	185	18	21	17	4.5	2.0	.03	.00	.00	.01
24	.00	.01	49	86	19	17	4.0	1.7	.02	.00	.00	.00
25	.00	.01	37	111	17	16	3.3	1.3	.01	.00	.00	.00
26	.00	.02	26	53	142	16	3.0	.78	.01	.00	.00	.00
27	.00	.02	18	34	614	15	2.7	.65	.01	.02	.00	.00
28	.00	.02	15	24	699	16	2.6	.51	.01	.12	.00	.00
29	.00	.02	13	19	202	19	2.2	.37	.01	.02	.00	.00
30	.00	.03	11	15	---	17	3.8	.25	.01	.01	.00	.00
31	.00	---	8.8	13	---	14	---	.23	---	.00	.00	---
TOTAL	.00	.16	2363.75	769.6	7024.0	7069	728.0	131.40	2.87	1.15	1.52	.02
MEAN	.00	.00	76.2	24.8	242	228	24.3	4.24	.10	.04	.05	.00
MAX	.00	.03	556	111	2530	2620	274	39	.30	.48	1.4	.01
MIN	.00	.00	.02	5.9	7.1	14	2.2	.23	.01	.00	.00	.00
CFSM	.00	.00	.83	.27	2.64	2.49	.27	.05	.00	.00	.00	.00
IN.	.00	.00	.96	.31	2.86	2.87	.30	.05	.00	.00	.00	.00
AC-FT	.00	.3	4690	1530	13930	14020	1440	261	5.7	2.3	3.0	.04

CAL YR 1983 TOTAL 27200.65 MEAN 74.5 MAX 2390 MIN .00 CFSM .81 IN. 11.06 AC-FT 53950
WTR YR 1984 TOTAL 18091.47 MEAN 49.4 MAX 2620 MIN .00 CFSM .54 IN. 7.36 AC-FT 35880

BEST COPY AVAILABLE

08022765 BAYOU CASTOR NEAR FUNSTON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.39	1.17	2.08	2.62	2.77	5.00	2.86	2.42	1.88	1.48	1.47	1.21
2	1.37	1.14	2.12	2.65	2.67	4.35	3.70	2.36	1.85	1.47	1.41	1.19
3	1.35	1.10	3.30	2.67	2.78	4.05	8.99	2.80	1.83	1.46	1.45	1.18
4	1.33	1.06	5.61	2.66	2.93	4.68	5.89	2.77	1.79	1.44	2.19	1.16
5	1.34	1.00	4.72	2.64	2.85	13.71	3.98	2.47	1.77	1.42	1.75	1.15
6	1.32	1.03	3.15	2.61	2.73	14.48	3.35	2.33	1.85	1.40	1.60	1.14
7	1.29	1.20	2.75	2.59	2.67	12.49	3.18	2.24	1.91	1.38	1.51	1.11
8	1.27	1.19	2.46	2.57	2.62	7.42	3.12	2.26	1.93	1.36	1.49	1.07
9	1.25	1.20	2.30	2.67	2.71	5.29	3.09	3.93	1.88	1.33	1.47	1.06
10	1.23	1.22	5.08	3.43	4.04	4.54	2.96	3.04	1.85	1.30	1.45	1.04
11	1.22	1.58	11.94	4.11	5.48	4.15	3.06	2.55	1.82	1.28	1.43	1.02
12	1.22	1.89	11.85	3.76	12.38	4.28	3.20	2.35	1.85	1.25	1.40	1.00
13	1.22	1.91	6.55	3.27	14.44	5.91	3.10	2.25	1.81	1.68	1.40	.92
14	1.21	1.93	3.87	2.98	12.98	5.67	2.92	2.19	1.75	1.53	1.38	.87
15	1.21	1.94	3.30	3.15	7.67	4.58	2.80	2.15	1.74	1.87	1.38	.86
16	1.20	1.95	3.14	3.74	6.20	4.19	2.65	2.12	1.72	2.00	1.36	.85
17	1.20	1.95	3.37	3.87	5.42	3.90	2.59	2.10	1.71	1.83	1.35	.79
18	1.20	1.94	3.75	3.47	4.52	3.71	2.56	2.07	1.70	1.69	1.34	.65
19	1.19	1.94	3.70	3.30	4.04	3.58	2.52	2.05	1.69	1.64	1.32	.63
20	1.19	1.96	3.28	3.44	3.77	3.40	2.50	2.06	1.68	1.58	1.28	.61
21	1.19	1.98	4.11	3.13	3.57	3.27	2.47	2.10	1.67	1.51	1.27	1.09
22	1.20	1.99	8.88	2.87	3.39	3.18	2.45	2.14	1.65	1.46	1.25	1.56
23	1.20	2.01	7.64	3.10	3.28	3.11	2.42	2.25	1.63	1.43	1.35	1.56
24	1.19	2.03	4.39	5.44	3.21	3.09	2.39	2.22	1.58	1.40	1.43	1.47
25	1.19	2.03	3.94	6.15	3.11	3.07	2.35	2.17	1.56	1.38	1.38	1.44
26	1.19	2.04	3.44	4.52	5.94	3.05	2.33	2.08	1.55	1.37	1.36	1.42
27	1.20	2.06	3.10	3.78	12.33	3.00	2.31	2.05	1.54	1.61	1.33	1.40
28	1.20	2.07	2.98	3.37	12.68	3.08	2.30	2.01	1.52	1.80	1.30	1.40
29	1.20	2.08	2.88	3.17	7.67	3.19	2.27	1.96	1.50	1.59	1.28	1.39
30	1.20	2.10	2.79	2.97	---	3.09	2.38	1.90	1.49	1.51	1.26	1.38
31	1.19	---	2.69	2.86	---	2.97	---	1.89	---	1.45	1.23	---
MAX	1.39	2.10	11.94	6.15	14.44	14.48	8.99	3.93	1.93	2.00	2.19	1.56
MIN	1.19	1.00	2.08	2.57	2.62	2.97	2.27	1.89	1.49	1.25	1.23	.61

08023000 BAYOU CASTOR NEAR LOGANSPORT, LA

LOCATION.--Lat 31°58'25", long 93°58'10", in SW1/4NW1/4 (revised) sec. 1, T.11 N., R.16 W., De Soto Parish, Hydrologic Unit 12010004, near center of span on downstream side of bridge on U.S. Highway 84, 1.7 mi east of Logansport, and 2.5 mi upstream from Bayou Grand Cane.

DRAINAGE AREA.--96.5 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1955 to September 1971. October 1971 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 171.20 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 2, 1955, nonrecording gage at same site and datum.

REMARKS.--No gage-height record, Aug. 11 to Sept. 23.

AVERAGE DISCHARGE.--16 years (water years 1956-71), 69.3 ft^3/s, 9.75 in/yr, 50,210 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,030 ft^3/s Apr. 6, 1956, gage height, 23.33 ft; no flow at times most years.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.50 ft Mar. 6; minimum, 1.04 ft Oct. 4.

DISCHARGE MEASUREMENTS MADE DURING YEAR

Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)	Date	Discharge (ft^3/s)
Oct. 4, 1983......	0	Feb. 28............	673	May 1.............	6.01
Nov. 9............	.03	Mar. 6............	2,950	July 3.............	0
Jan. 5, 1984......	8.66	Mar. 27............	17.8	July 31.............	0

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.09	1.18	2.19	2.16	2.20	3.63	2.17	1.90	2.07	1.62	1.94	---
2	1.07	1.19	2.25	2.15	2.16	3.10	2.13	1.94	2.04	1.59	1.90	---
3	1.06	1.19	2.66	2.15	2.19	2.87	6.18	1.95	2.03	1.57	1.96	---
4	1.05	1.20	3.42	2.15	2.25	2.79	5.25	2.28	2.01	1.55	2.83	---
5	1.16	1.24	4.29	2.14	2.22	7.94	3.07	2.08	1.99	1.52	2.33	---
6	1.20	1.26	2.82	2.12	2.15	18.55	2.62	1.94	2.01	1.50	2.23	---
7	1.19	1.48	2.37	2.06	2.11	12.48	2.44	1.87	2.07	1.47	2.18	---
8	1.18	1.47	2.19	2.04	2.08	7.44	2.34	1.92	2.08	1.45	2.14	---
9	1.20	1.47	2.09	2.02	2.11	4.02	2.26	1.92	2.10	1.42	2.11	---
10	1.20	1.48	2.77	2.47	2.37	3.37	2.25	2.52	2.12	1.40	2.07	---
11	1.19	1.46	8.13	2.67	3.43	2.99	2.27	2.08	2.14	1.38	---	---
12	1.24	1.45	8.08	2.80	5.78	2.90	2.33	2.05	2.11	1.36	---	---
13	1.25	1.48	7.31	2.48	12.36	3.47	2.34	2.02	2.06	1.86	---	---
14	1.24	1.50	3.01	2.32	14.15	4.06	2.28	2.05	2.03	1.86	---	---
15	1.23	1.51	2.61	2.38	8.23	3.24	2.17	2.11	2.04	1.87	---	---
16	1.23	1.50	2.43	2.54	3.80	2.93	2.10	2.10	2.01	1.92	---	---
17	1.23	1.51	2.52	2.74	3.92	2.77	2.05	2.09	1.96	2.17	---	---
18	1.25	1.52	2.49	2.59	3.22	2.65	2.00	2.07	1.91	2.16	---	---
19	1.26	1.54	2.68	2.47	2.87	2.59	2.00	2.07	1.85	2.15	---	---
20	1.25	1.82	2.53	---	2.69	2.49	2.00	2.09	1.83	2.12	---	---
21	1.21	1.84	2.38	---	2.57	2.40	1.94	2.12	1.81	2.07	---	---
22	1.21	1.87	4.61	---	2.46	2.33	1.91	2.18	1.81	2.02	---	---
23	1.21	2.13	6.26	---	2.40	2.28	1.90	2.17	1.80	1.98	---	---
24	1.22	2.03	3.36	---	2.34	2.27	1.86	2.25	1.75	1.94	---	1.78
25	1.22	2.00	2.68	---	2.30	2.26	1.83	2.25	1.70	1.90	---	---
26	1.21	2.00	2.43	3.32	2.27	2.23	1.82	2.23	1.66	1.87	---	---
27	1.19	2.15	2.31	2.80	7.21	2.23	1.83	2.23	1.68	1.83	---	---
28	1.19	2.22	2.24	2.57	9.38	2.24	1.83	2.15	1.66	2.12	---	---
29	1.19	2.17	2.21	2.42	8.05	2.25	1.81	2.10	1.64	2.08	---	---
30	1.19	2.15	2.19	2.32	---	2.26	1.87	2.07	1.61	2.02	---	---
31	1.19	---	2.18	2.26	---	2.21	---	2.07	---	1.98	---	---
MAX	1.26	2.22	8.13	---	14.15	18.55	6.18	2.52	2.14	2.17	2.83	---
MIN	1.05	1.18	2.09	2.02	2.08	2.21	1.81	1.87	1.61	1.36	---	---

08023000 BAYOU CASTOR NEAR LOGANSPORT, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-1969, 1972-73, 1980 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: January 1983 to current year.
SUSPENDED-SEDIMENT DISCHARGE: January 1983 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 320 mg/L Feb. 12, 1984; minimum daily mean, 0 mg/L Jan. 15-23, 1984.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 507 tons Feb. 6, 1983; minimum daily, 0.00 tons Aug. 25, Nov. 9, 12-18, 1983, Jan. 15-23, June 26-30, July 1, 2, 14, 22-30, Aug. 10-13, Sept. 23-27, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT 20...	1000	220	6.4	21.5	15	4.0	1.2	2.2	240
APR 11...	1130	233	7.3	17.0	70	15	7.9	1.8	46

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 20...	3000	66	16	6.3	18	4.8	73	8.2	20
APR 11...	280	49	11	5.3	24	2.4	36	25	31

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 20...	.2	12	135	130	<.1	1.4	.11
APR 11...	.1	15	149	140	.1	1.2	.12

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)
OCT 20...	2	1	<1	<10	<.5	2	<1	2	10	10	<1	5

DATE	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)
OCT 20...	2	1	300	1200	15	2	50	70	<.1	<.1	<.01	5

< Actual value is known to be less than the value shown.

08023000 BAYOU CASTOR NEAR LOGANSPORT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)
OCT												
20...	2	<1	<1	<1	30	21	5	<.1	<1	<.1	<1	<.01

DATE	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)
OCT												
20...	<.1	<.1	<1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)
OCT												
20...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)
OCT												
20...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT											
20...	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT			
20...	18	.00	56
APR			
11...	16	.52	91

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM
NOV					
02...	1	13	75	96	97

< Actual value is known to be less than the value shown.

08023000 BAYOU CASTOR NEAR LOGANSPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		OCTOBER			NOVEMBER			DECEMBER	
1	.00	---	---	.00	---	---	4.9	23	.30
2	.00	---	---	.00	---	---	5.4	20	.29
3	.00	---	---	.00	---	---	16	63	2.7
4	.00	---	---	.00	---	---	56	47	7.1
5	.08	---	---	.00	---	---	68	45	8.3
6	.12	---	---	.00	---	---	14	25	.95
7	.10	---	---	.04	---	---	6.5	5	.09
8	.08	---	---	.03	---	---	4.6	5	.06
9	.10	---	---	.03	13	.00	3.4	9	.08
10	.10	---	---	.00	16	.00	181	113	60
11	.08	---	---	.00	14	.00	609	62	102
12	.13	---	---	.01	14	.00	603	32	52
13	.13	---	---	.03	10	.00	334	25	23
14	.10	---	---	.07	8	.00	29	21	1.6
15	.07	---	---	.07	7	.00	18	17	.83
16	.07	---	---	.07	12	.00	15	23	.93
17	.07	---	---	.07	9	.00	16	26	1.1
18	.07	---	---	.10	9	.00	16	25	1.1
19	.07	---	---	.24	22	.01	20	20	1.1
20	.04	---	---	1.2	18	.06	16	15	.65
21	.00	---	---	1.4	14	.05	29	---	---
22	.00	---	---	1.5	16	.06	181	---	---
23	.00	---	---	3.2	15	.13	263	---	---
24	.00	---	---	2.8	11	.08	43	---	---
25	.00	---	---	2.6	10	.07	30	---	---
26	.00	---	---	2.7	8	.06	20	---	---
27	.00	---	---	4.2	19	.22	17	14	.64
28	.00	---	---	4.8	19	.25	14	5	.19
29	.00	---	---	4.5	18	.22	12	7	.23
30	.00	---	---	4.4	23	.27	11	5	.15
31	.00	---	---	---	---	---	10	6	.16
TOTAL	---	---	---	---	---	---	---	---	---

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JANUARY			FEBRUARY			MARCH	
1	9.1	5	.12	9.8	16	.42	66	30	5.3
2	9.0	8	.19	9.1	11	.27	43	27	3.1
3	9.0	17	.41	9.8	9	.24	35	16	1.5
4	8.8	17	.40	11	7	.21	52	28	5.7
5	8.6	20	.46	12	12	.39	1320	137	460
6	8.4	18	.41	9.0	17	.41	3120	37	312
7	7.6	13	.27	8.3	22	.49	1250	27	91
8	7.3	15	.30	7.9	15	.32	399	32	34
9	9.0	34	.83	9.1	18	.44	90	34	8.3
10	16	24	1.0	16	37	1.6	58	34	5.3
11	25	36	2.4	46	99	12	42	27	3.1
12	22	37	2.2	458	320	350	43	24	2.8
13	15	24	.97	1600	85	321	74	22	4.4
14	12	2	.06	1550	25	105	86	27	6.3
15	13	0	.00	474	36	46	52	25	3.5
16	17	0	.00	81	30	6.6	39	20	2.1
17	21	0	.00	76	32	6.6	34	12	1.1
18	17	0	.00	46	23	2.9	31	12	1.0
19	15	0	.00	33	26	2.3	28	12	.91
20	14	0	.00	27	37	2.7	25	12	.81
21	13	0	.00	24	35	2.3	22	8	.48
22	13	0	.00	21	38	2.2	21	10	.57
23	24	0	.00	19	30	1.5	19	13	.67
24	50	2	.27	18	34	1.7	19	13	.67
25	100	75	20	16	18	.78	19	10	.51
26	40	28	3.0	98	51	27	18	14	.68
27	23	35	2.2	507	216	290	18	12	.58
28	15	31	1.3	844	92	210	18	13	.63
29	14	20	.76	450	38	46	19	8	.41
30	12	20	.65	---	---	---	18	7	.34
31	11	17	.50	---	---	---	17	8	.37
TOTAL	---	---	38.70	---	---	1441.37	---	---	958.13

08023000 BAYOU CASTOR NEAR LOGANSPORT, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		APRIL			MAY			JUNE	
1	16	8	.35	6.5	17	.30	3.4	29	.27
2	72	42	17	6.5	15	.26	3.1	27	.23
3	313	167	140	7.3	26	.51	3.0	25	.20
4	158	53	23	11	16	.48	2.8	22	.17
5	32	12	1.0	8.3	22	.49	2.6	19	.13
6	19	8	.41	6.8	25	.46	2.9	19	.15
7	15	7	.28	5.6	25	.38	3.1	20	.17
8	13	7	.25	5.9	25	.40	3.5	20	.19
9	12	7	.23	13	23	1.0	3.6	13	.13
10	12	12	.39	10	38	1.0	3.7	16	.16
11	12	14	.45	4.6	20	.25	3.7	14	.14
12	13	13	.46	4.4	19	.23	3.3	15	.13
13	13	12	.42	4.0	16	.17	2.7	15	.11
14	12	10	.32	4.1	19	.21	2.5	17	.11
15	10	8	.22	4.8	31	.40	2.3	23	.14
16	9.7	5	.13	4.5	43	.52	2.1	24	.14
17	8.1	3	.07	4.1	52	.58	1.6	23	.10
18	7.6	4	.08	4.0	53	.57	1.3	22	.08
19	7.3	3	.06	4.0	40	.43	.90	18	.04
20	7.0	2	.04	4.2	31	.35	.70	19	.04
21	6.5	4	.07	4.6	24	.30	.65	22	.04
22	6.2	9	.15	5.0	25	.34	.60	20	.03
23	5.8	7	.11	5.4	22	.32	.52	31	.04
24	5.7	8	.12	6.1	19	.31	.40	25	.03
25	4.9	8	.11	5.9	18	.29	.24	27	.02
26	4.9	5	.07	5.4	21	.31	.15	22	.01
27	4.8	7	.09	5.2	23	.32	.17	15	.01
28	4.9	12	.16	4.5	14	.17	.13	12	.00
29	4.9	14	.19	4.0	27	.29	.08	9	.00
30	5.3	20	.29	3.7	34	.34	.05	7	.00
31	---	---	---	3.7	30	.30	---	---	---
TOTAL	---	---	186.52	---	---	12.28	---	---	3.01

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JULY			AUGUST			SEPTEMBER	
1	.04	6	.00	.00	15	.00	.00	17	.00
2	.02	8	.00	.00	19	.00	.00	13	.00
3	.00	16	.00	.00	18	.00	.00	16	.00
4	.00	16	.00	4.3	24	.28	.00	20	.00
5	.00	20	.00	.80	35	.08	.00	24	.00
6	.00	22	.00	.43	13	.02	.00	24	.00
7	.00	25	.00	.29	30	.02	.00	21	.00
8	.00	22	.00	.21	26	.01	.00	21	.00
9	.00	24	.00	.13	34	.01	.00	19	.00
10	.00	23	.00	.07	34	.01	.00	18	.00
11	.00	16	.00	.04	30	.00	.00	17	.00
12	.00	25	.00	.02	23	.00	.00	16	.00
13	.19	34	.02	.01	21	.00	.00	14	.00
14	.15	22	.01	.00	21	.00	.00	16	.00
15	.19	22	.01	.00	19	.00	.00	17	.00
16	.24	20	.01	.00	17	.00	.00	16	.00
17	1.0	20	.05	.00	20	.00	.00	17	.00
18	1.1	25	.07	.00	23	.00	.00	19	.00
19	.95	20	.05	.00	23	.00	.00	19	.00
20	.75	17	.03	.00	26	.00	.00	16	.00
21	.49	10	.01	.00	22	.00	.00	18	.00
22	.31	7	.01	.00	20	.00	.00	16	.00
23	.21	5	.00	.00	21	.00	.35	9	.01
24	.12	10	.00	.00	23	.00	.34	9	.01
25	.03	12	.00	.00	19	.00	.12	14	.00
26	.01	10	.00	.00	18	.00	.05	16	.00
27	.03	15	.00	.00	16	.00	.02	20	.00
28	.17	17	.01	.00	14	.00	.00	15	.00
29	.08	15	.00	.00	13	.00	.00	14	.00
30	.03	7	.00	.00	13	.00	.00	12	.00
31	.00	10	.00	.00	11	.00	.00	---	---
TOTAL	---	---	.28	---	---	.43	---	---	.02

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08023020 BAYOU CASTOR SOUTHEAST OF LOGANSPORT, LA

LOCATION.--Lat 31° 56' 54", long 93° 58' 30", in SE1/4 SE1/4 sec.11, T.11 N., R.16 W., DeSoto Parish, Hydrologic Unit 12010004, at mouth of Bayou Castor and Bayou Grand Cane, 2.0 mi southeast of Logansport.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1982, May to November 1983.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML)
NOV									
02...	1530	767	8.3	20.5	10	20	15.1	6.4	<2

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV									
02...	K32	80	22	6.1	130	5.0	157	47	110

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV								
02...	.5	1.0	439	416	.10	.13	2.3	.02

DATE	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)
NOV												
02...	2	<1	<1	1	2	<1	3	<1	10	340	5	<10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	CYANIDE TOTAL (MG/L AS CN)	PHENOLS TOTAL (UG/L)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
NOV												
02...	<10	20	.2	<.01	20	3	<.01	<1	<.1	<1	<.1	<1

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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08023020 BAYOU CASTOR SOUTHEAST OF LOGANSPORT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)
NOV												
02...	<.01	<.1	<.1	<1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)
NOV												
02...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)
NOV												
02...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
NOV												
02...	<.01	<.1	<.1	<1	<1	<10	<.01	<.1	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

08023080 BAYOU GRAND CANE NEAR STANLEY, LA

LOCATION.--Lat 31°58'45", long 93°56'02", in SW1/4SE1/4 sec.6, T.11 N., R.15 W., De Soto Parish, Hydrologic Unit 12010004, near center of span on downstream side of bridge on U.S. Highway 84, 2.8 mi upstream from Bayou Castor, 2.9 mi west of Stanley, and 3.2 mi east of Logansport.

DRAINAGE AREA.--27.5 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 172.40 ft National Geodetic Vertical Datum of 1929.

REMARKS.--Water-discharge records good, except those for periods of indefinite stage-discharge relation, Aug. 5-7, 9-15, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,200 ft^3/s Apr. 12, 1980, gage height, 14.18 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 800 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 12	0200	2310	11.79	Feb. 28	0400	1190	10.84
Feb. 13	0930	*2790	*12.14	Mar. 6	0630	2200	11.70

Minimum, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	14	9.2	15	113	8.4	3.0	.00	.00	.00	.00
2	.00	.00	13	9.7	14	64	42	5.0	.00	.00	.00	.00
3	.00	.00	88	10	14	48	337	5.7	.00	.00	.00	.00
4	.00	.00	118	11	18	50	423	7.7	.00	.00	16	.00
5	.02	.00	138	11	25	592	160	8.2	.00	.00	8.0	.00
6	.03	.03	33	10	20	1760	45	6.8	.12	.00	5.0	.00
7	.02	.05	16	9.7	15	763	26	4.4	1.1	.00	6.0	.00
8	.01	.03	13	9.0	12	378	23	4.4	.31	.00	38	.00
9	.01	.03	12	12	19	121	21	8.0	.05	.00	19	.00
10	.01	.03	204	19	66	68	19	13	.02	.00	10	.00
11	.00	.03	1050	45	128	48	17	7.7	.00	.00	4.0	.00
12	.03	.03	1540	34	533	53	17	4.2	.00	.00	.60	.00
13	.03	.03	576	21	2130	110	18	1.8	.00	.00	.10	.00
14	.03	.03	123	16	868	112	12	.74	.00	.00	.02	.00
15	.02	.03	40	21	358	65	7.7	.17	.00	.00	.00	.00
16	.02	.03	26	49	138	47	6.3	.10	.00	.00	.00	.00
17	.01	.04	29	64	105	37	5.7	.03	.00	.00	.00	.00
18	.02	.04	41	40	68	31	4.4	.00	.00	.00	.00	.00
19	.03	.49	37	32	46	27	3.5	.00	.00	.00	.00	.00
20	.03	2.1	23	29	34	22	3.5	.00	.00	.00	.00	.00
21	.02	2.4	47	20	28	18	3.3	5.2	.00	.00	.00	.00
22	.02	1.8	218	16	24	15	3.2	11	.00	.00	.00	.00
23	.02	8.5	341	21	20	13	3.3	8.7	.00	.00	.00	.00
24	.02	9.7	161	111	18	12	4.0	8.2	.00	.00	.00	.00
25	.00	13	40	203	16	11	3.7	6.3	.00	.00	.00	.00
26	.00	16	20	101	124	11	3.0	2.8	.00	.00	.00	.00
27	.00	14	14	52	676	10	3.7	6.6	.00	.00	.00	.00
28	.00	12	12	34	900	14	3.5	4.4	.00	.00	.00	.00
29	.00	9.5	10	25	409	13	3.2	.41	.00	.00	.00	.00
30	.00	12	9.3	21	---	14	3.9	.02	.00	.00	.00	.00
31	.00	---	9.0	17	---	11	---	.00	---	.00	.00	---
TOTAL	.40	101.92	5015.3	1082.6	6841	4651	1234.3	134.57	1.60	.00	106.72	.00
MEAN	.01	3.40	162	34.9	236	150	41.1	4.34	.05	.00	3.44	.00
MAX	.03	16	1540	203	2130	1760	423	13	1.1	.00	38	.00
MIN	.00	.00	9.0	9.0	12	10	3.0	.00	.00	.00	.00	.00
CFSM	.00	.05	2.23	.48	3.26	2.07	.57	.06	.00	.00	.00	.00
IN.	.00	.05	2.57	.56	3.51	2.39	.63	.07	.00	.00	.05	.00
AC-FT	.8	202	9950	2150	13570	9230	2450	267	3.2	.00	212	.00

CAL YR 1983 TOTAL 31810.48 MEAN 87.2 MAX 2240 MIN .00 CFSM 1.20 IN. 16.32 AC-FT 63100
WTR YR 1984 TOTAL 19169.41 MEAN 52.4 MAX 2130 MIN .00 CFSM .72 IN. 9.84 AC-FT 38020

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.76	2.80	3.88	3.70	3.80	5.70	3.56	3.30	2.69	2.37	2.15	3.30
2	2.75	2.80	3.85	3.72	3.75	4.91	4.26	3.41	2.64	2.37	2.14	3.26
3	2.74	2.80	5.30	3.73	3.76	4.61	8.18	3.44	2.62	2.38	2.17	3.22
4	2.73	2.82	5.81	3.75	3.89	4.64	8.82	3.53	2.62	2.37	3.31	3.20
5	2.84	2.85	6.08	3.75	4.09	9.21	6.24	3.55	2.62	2.36	4.00	3.17
6	2.86	2.92	4.39	3.74	3.93	11.36	4.54	3.49	2.78	2.35	3.63	3.13
7	2.83	2.98	3.95	3.72	3.80	10.26	4.10	3.38	3.15	2.33	3.60	3.10
8	2.82	2.94	3.83	3.69	3.71	8.84	4.02	3.38	3.04	2.31	5.04	3.07
9	2.82	2.94	3.81	3.79	3.91	5.81	3.97	3.52	2.92	2.30	3.88	3.05
10	2.82	2.95	6.20	4.03	4.90	4.97	3.92	3.73	2.85	2.28	3.84	3.02
11	2.81	2.94	10.51	4.64	5.91	4.60	3.85	3.53	2.80	2.27	3.87	2.98
12	2.88	2.93	11.17	4.41	8.85	4.70	3.87	3.37	2.75	2.26	3.79	2.95
13	2.87	2.94	9.58	4.10	11.64	5.66	3.80	3.22	2.71	2.33	3.81	2.90
14	2.86	2.95	5.82	3.96	10.36	5.69	3.69	3.11	2.68	2.37	3.91	2.89
15	2.84	2.95	4.53	4.09	7.84	4.92	3.53	3.00	2.66	2.36	3.90	2.87
16	2.83	2.95	4.21	4.71	6.06	4.59	3.47	2.96	2.63	2.35	3.88	2.86
17	2.82	2.96	4.28	4.98	5.58	4.37	3.44	2.88	2.59	2.35	3.86	2.84
18	2.86	2.97	4.54	4.53	4.97	4.23	3.38	2.79	2.57	2.34	3.82	2.81
19	2.87	3.10	4.46	4.36	4.57	4.12	3.33	2.73	2.53	2.33	3.77	2.78
20	2.87	3.33	4.14	4.28	4.31	4.00	3.33	2.74	2.49	2.31	3.71	2.75
21	2.86	3.35	4.60	4.06	4.15	3.88	3.32	3.21	2.44	2.29	3.66	2.90
22	2.87	3.31	7.03	3.94	4.04	3.80	3.31	3.65	2.42	2.27	3.60	3.30
23	2.86	3.64	8.24	4.08	3.95	3.72	3.32	3.57	2.40	2.25	3.56	3.32
24	2.85	3.72	6.29	5.65	3.89	3.68	3.36	3.55	2.38	2.23	3.66	3.30
25	2.84	3.82	---	6.87	3.83	3.67	3.34	3.47	2.37	2.22	3.64	3.29
26	2.83	3.95	---	5.53	4.86	3.65	3.30	3.29	2.36	2.23	3.58	3.27
27	2.82	3.87	---	4.69	9.92	3.63	3.34	3.45	2.37	2.22	3.52	3.24
28	2.81	3.82	---	4.30	10.50	3.76	3.33	3.38	2.37	2.23	3.46	3.22
29	2.80	3.71	---	4.08	8.54	3.74	3.31	3.06	2.37	2.21	3.42	3.19
30	2.79	3.81	---	3.96	---	3.75	3.35	2.84	2.36	2.19	3.37	3.17
31	2.79	---	---	3.86	---	3.64	---	2.74	---	2.16	3.34	---
MAX	2.88	3.95	11.17	6.87	11.64	11.36	8.82	3.73	3.15	2.38	5.04	3.32
MIN	2.73	2.80	---	3.69	3.71	3.63	3.30	2.73	2.36	2.16	2.14	2.75

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955-56, 1972-73, 1980 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: February 1981 to current year.
SUSPENDED-SEDIMENT DISCHARGE: February 1981 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 372 mg/L Aug. 3, 1982; minimum daily mean, no flow on many days during Apr., Aug., Sept., Oct., Nov., Dec., 1981, Aug., Oct., Nov., 1982, Aug., Sept., 1983.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 583 tons Apr. 18, 1982; minimum daily, no flow on many days during Apr., Aug., Sept., Oct., Nov., Dec., 1981, Aug., Oct., Nov., 1982, Aug., Sept., 1983.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
OCT									
20...	1045	180	6.1	21.5	10	4.0	4.2	2.0	62
APR									
11...	1100	251	7.1	17.0	80	20	7.9	2.5	170

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT									
20...	1200	47	12	4.2	15	4.4	43	8.8	22
APR									
11...	180	51	11	5.7	25	2.9	30	32	32

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT							
20...	.1	9.7	110	102	<.1	3.9	.06
APR							
11...	.1	12	173	139	.4	3.4	.12

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)
OCT												
20...	2	1	<1	<10	<.5	1	<1	1	10	2	<1	5

DATE	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
OCT												
20...	3	30	350	2700	15	2	10	160	<.1	<.1	.04	6

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)
OCT 20...	3	<1	<1	<1	30	22	50	<.1	8	<.1	<1	<.01

DATE	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)
OCT 20...	<.1	<.1	<1	<.01	.5	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)
OCT 20...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)
OCT 20...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT 20...	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM
NOV 02...	24	43	58	65	65	66

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

08023080 BAYOU GRAND CANE NEAR STANLEY, LA--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	15	.57	6	.15	14	.57	29	8.8
2	---	---	---	---	11	.39	8	.21	11	.42	23	4.0
3	---	---	---	---	64	16	12	.32	17	.64	21	2.7
4	---	---	---	---	26	8.3	9	.27	12	.58	29	4.3
5	---	---	---	---	21	7.8	6	.18	10	.68	96	149
6	---	---	---	---	17	1.5	5	.14	5	.27	37	176
7	---	---	---	---	14	.60	9	.24	6	.24	26	54
8	---	---	---	---	10	.35	8	.19	7	.23	30	31
9	---	---	14	.00	9	.29	10	.32	5	.26	34	11
10	---	---	12	.00	69	62	28	1.4	11	2.0	28	5.1
11	---	---	12	.00	54	140	23	2.8	21	7.1	23	3.0
12	---	---	11	.00	29	121	12	1.1	171	267	29	4.1
13	---	---	13	.00	17	26	18	1.0	79	454	50	15
14	---	---	16	.00	14	4.6	20	.86	39	91	40	12
15	---	---	28	.00	8	.86	20	1.1	32	31	30	5.3
16	---	---	25	.00	11	.77	19	2.5	28	10	28	3.6
17	---	---	24	.00	15	1.2	19	3.3	28	7.9	23	2.3
18	---	---	22	.00	15	1.7	15	1.6	21	3.9	15	1.3
19	---	---	18	.02	12	1.2	8	.69	12	1.5	18	1.3
20	---	---	18	.10	16	.99	5	.39	17	1.6	12	.71
21	---	---	15	.10	---	---	5	.27	21	1.6	11	.53
22	---	---	9	.04	---	---	5	.22	25	1.6	13	.53
23	---	---	11	.25	---	---	6	.34	25	1.4	17	.60
24	---	---	6	.16	---	---	28	8.4	28	1.4	13	.42
25	---	---	5	.18	---	---	60	33	28	1.2	12	.36
26	---	---	7	.30	---	---	44	12	38	19	12	.36
27	---	---	14	.53	7	.26	37	5.2	90	163	15	.41
28	---	---	15	.49	8	.26	29	2.7	32	78	19	.72
29	---	---	17	.44	5	.14	25	1.7	29	32	16	.56
30	---	---	17	.55	4	.10	21	1.2	---	---	17	.64
31	---	---	---	---	4	.10	16	.73	---	---	17	.50
TOTAL	---	---	---	---	---	---	---	84.52	---	1180.09	---	500.14

DAY	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	10	.23	23	.19	26	.00	22	.00	22	.00	20	.00
2	23	5.4	30	.41	26	.00	20	.00	26	.00	18	.00
3	92	83	25	.38	22	.00	27	.00	25	.00	21	.00
4	45	51	26	.54	21	.00	30	.00	26	1.9	14	.00
5	21	.85	24	.53	20	.00	30	.00	37	.80	17	.00
6	16	1.9	21	.39	30	.00	23	.00	21	.28	20	.00
7	30	2.1	20	.24	24	.00	23	.00	24	.39	18	.00
8	32	2.0	22	.26	18	.00	22	.00	49	3.1	19	.00
9	32	1.8	18	.39	18	.00	17	.00	34	1.7	24	.00
10	32	1.6	14	.49	19	.00	17	.00	28	.76	18	.00
11	33	1.5	12	.25	18	.00	22	.00	31	.33	14	.00
12	30	1.4	10	.11	26	.00	23	.00	30	.05	21	.00
13	32	1.6	19	.09	34	.00	27	.00	32	.00	25	.00
14	30	.97	17	.03	38	.00	26	.00	22	.00	27	.00
15	27	.56	18	.00	35	.00	24	.00	28	.00	25	.00
16	27	.46	18	.00	34	.00	27	.00	30	.00	23	.00
17	27	.42	23	.00	28	.00	30	.00	28	.00	25	.00
18	25	.30	25	.00	21	.00	28	.00	26	.00	25	.00
19	17	.16	40	.00	18	.00	21	.00	24	.00	26	.00
20	14	.13	33	.00	14	.00	20	.00	23	.00	21	.00
21	14	.12	33	.85	14	.00	22	.00	26	.00	34	.00
22	16	.14	41	1.2	14	.00	20	.00	23	.00	38	.00
23	16	.14	28	.66	9	.00	22	.00	22	.00	26	.00
24	11	.12	28	.62	12	.00	27	.00	24	.00	30	.00
25	8	.08	26	.44	12	.00	E 28	.00	21	.00	35	.00
26	8	.06	26	.20	11	.00	26	.00	21	.00	34	.00
27	12	.12	22	.39	11	.00	20	.00	20	.00	28	.00
28	16	.15	20	.24	9	.00	16	.00	20	.00	23	.00
29	16	.14	19	.02	12	.00	24	.00	25	.00	21	.00
30	16	.17	34	.00	19	.00	23	.00	26	.00	20	.00
31	---	---	23	.00	---	.00	23	.00	23	.00	---	---
TOTAL	---	158.62	---	8.92	---	.00	---	.00	---	9.31	---	.00

E Estimated.

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA

LOCATION.--Lat 31°52'30", long 93°39'30", in lot 38, T.10 N., R.13 W., De Soto Parish, Hydrologic Unit 12010004, near right bank on downstream side of bridge on State Highway 512, 2.2 mi east of Benson, and 3.9 mi upstream from Bear Creek.

DRAINAGE AREA.--80.2 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Annual maximums, water years, 1954-68. Occasional low-flow measurements, water years 1954-63, October 1977 to current year.

REVISED RECORDS.--WDR LA-80-1: 1958(M).

GAGE.--Water-stage recorder. Datum of gage is 208.67 ft National Geodetic Vertical Datum of 1929. Oct. 29, 1953 to Sept. 30 , 1968, crest-stage gage at same site and datum.

REMARKS.--Water-discharge records good, except those for period of indefinite stage-discharge relation, June 7-10, which are fair.

AVERAGE DISCHARGE.--7 years, 79.1 ft^3/s, 13.39 in/yr 57,310 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,300 ft^3/s Sept. 20, 1958, gage height, 20.36 ft from rating curve extended above 8,400 ft^3/s on basis of velocity-area study; no flow at times each year.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 550 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 4	1430	1660	16.03	Feb. 13	0100	6700	17.46
Dec. 11	1230	*8060	*17.79	Feb. 28	0300	974	15.62
Jan. 25	0900	578	14.93	Mar. 6	0900	1500	15.96

Minimum discharge, no flow many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	27	22	30	124	14	2.4	.39	.48	1.1	4.5
2	.00	.00	22	23	27	80	26	2.3	.33	.44	.53	2.6
3	.00	.00	454	25	30	73	247	2.1	.28	.22	.28	1.5
4	.00	.00	1330	26	39	85	141	2.0	.19	.03	.00	4.1
5	.00	.00	835	24	36	842	49	1.8	.28	.00	.00	4.7
6	.00	.00	361	23	27	1330	30	1.6	1.6	.00	.00	2.4
7	.00	.00	84	22	22	777	23	1.7	1.5	.00	133	2.8
8	.00	.00	47	20	20	407	26	69	1.2	.00	240	2.0
9	.00	.00	35	21	23	130	39	28	.95	.00	44	1.4
10	.00	.00	395	69	90	82	27	12	.68	.00	16	1.1
11	.00	1.2	4700	99	106	64	21	5.7	.53	.00	10	.58
12	.00	.90	1330	57	1670	69	24	3.4	.44	.00	7.8	.33
13	.00	.58	623	40	3200	138	20	2.2	.39	.00	6.0	.14
14	.00	.36	270	32	825	106	14	1.6	.30	.00	4.7	.00
15	.00	.28	106	96	455	75	11	1.2	.22	.00	3.9	.00
16	.00	.19	69	195	181	62	8.9	.84	.08	.00	3.3	.00
17	.00	.11	93	102	175	52	7.8	.58	.00	.00	2.8	.00
18	.00	.08	122	68	93	45	7.4	.48	.00	.00	2.4	.00
19	.00	.19	77	63	68	40	6.8	.63	.00	.00	2.0	.00
20	.00	.63	53	48	53	34	6.4	.84	.00	.00	1.6	.00
21	.00	1.1	52	36	45	28	5.8	1.7	.00	.00	1.5	.03
22	.00	2.4	226	30	42	24	5.3	14	.00	.00	1.3	.63
23	.00	48	199	54	37	22	4.6	22	.00	.00	1.1	1.1
24	.00	241	86	446	32	21	3.9	18	.00	.00	1.7	7.4
25	.00	110	48	555	28	20	3.4	7.0	.00	.00	1.6	6.9
26	.00	18	35	268	118	18	3.0	3.9	.00	.00	1.1	4.2
27	.00	251	33	94	741	18	3.0	2.4	.00	.00	.58	3.0
28	.00	534	39	65	787	22	2.6	1.7	.60	.00	.36	2.2
29	.00	414	42	51	428	24	2.7	1.1	.63	19	.22	1.5
30	.00	71	31	42	---	20	2.4	.73	.39	6.8	.22	.95
31	.00	---	24	35	---	15	---	.53	---	2.6	.36	---
TOTAL	.00	1695.02	11848	2751	9428	4847	786.2	213.43	10.98	29.57	489.45	55.96
MEAN	.00	56.5	382	88.7	325	156	26.2	6.88	.37	.95	15.8	1.87
MAX	.00	534	4700	555	3200	1330	247	69	1.6	19	240	7.4
MIN	.00	.00	22	20	20	15	2.4	.48	.00	.00	.00	.00
CFSM	.00	.70	4.76	1.11	4.05	1.95	.33	.09	.00	.01	.20	.02
IN.	.00	.79	5.50	1.28	4.37	2.25	.36	.10	.01	.01	.23	.03
AC-FT	.00	3360	23500	5460	18700	9610	1560	423	22	59	971	111

CAL YR 1983 TOTAL 58112.94 MEAN 159 MAX 6100 MIN .00 CFSM 1.98 IN. 26.96 AC-FT 115300
WTR YR 1984 TOTAL 32154.61 MEAN 87.9 MAX 4700 MIN .00 CFSM 1.10 IN. 14.91 AC-FT 63780

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.54	5.45	8.14	7.90	8.28	11.03	7.41	6.46	6.14	6.17	6.29	6.46
2	5.54	5.44	7.88	7.97	8.17	10.04	7.92	6.45	6.12	6.16	6.18	6.28
3	5.53	5.44	13.02	8.08	8.28	9.83	12.74	6.43	6.10	6.08	6.10	6.14
4	5.53	5.44	15.87	8.09	8.69	10.15	11.40	6.41	6.07	6.01	6.06	6.42
5	5.53	5.45	15.49	8.03	8.55	15.13	9.08	6.38	6.10	5.97	5.93	6.50
6	5.52	5.51	13.54	7.96	8.15	15.87	8.30	6.36	6.36	5.94	5.86	6.25
7	5.52	5.57	10.12	7.88	7.90	15.43	7.93	6.37	6.36	5.87	10.38	6.30
8	5.51	5.56	9.01	7.78	7.79	14.06	8.11	9.55	6.37	5.82	12.69	6.20
9	5.51	5.55	8.53	7.87	7.93	11.20	8.70	8.22	6.36	5.87	8.66	6.12
10	5.50	5.55	12.07	9.66	10.18	10.07	8.16	7.28	6.27	5.81	7.32	6.07
11	5.50	6.26	16.98	10.51	10.68	9.57	7.85	6.80	6.18	5.75	6.96	5.98
12	5.50	6.25	15.87	9.34	14.81	9.70	7.99	6.58	6.16	5.71	6.77	5.91
13	5.49	6.19	15.08	8.72	16.52	11.33	7.81	6.44	6.14	5.72	6.62	5.84
14	5.49	6.13	12.92	8.40	15.48	10.67	7.45	6.36	6.11	5.70	6.50	5.79
15	5.49	6.10	10.67	10.27	14.33	9.88	7.22	6.30	6.08	5.68	6.42	5.76
16	5.49	6.07	9.70	12.24	12.05	9.49	7.07	6.24	6.03	5.67	6.36	5.73
17	5.49	6.04	10.37	10.58	11.97	9.18	6.98	6.19	5.98	5.66	6.30	5.70
18	5.48	6.03	11.03	9.69	10.36	8.92	6.95	6.17	5.95	5.65	6.25	5.68
19	5.48	6.07	9.94	9.52	9.68	8.72	6.90	6.20	5.91	5.64	6.20	5.67
20	5.48	6.20	9.22	9.03	9.19	8.48	6.86	6.24	5.87	5.63	6.15	5.66
21	5.48	6.28	9.17	8.55	8.92	8.21	6.81	6.36	5.84	5.63	6.13	5.80
22	5.48	6.47	12.47	8.31	8.82	8.02	6.76	7.40	5.81	5.62	6.10	5.99
23	5.47	9.08	12.29	9.07	8.60	7.90	6.70	7.92	5.78	5.61	6.08	6.07
24	5.47	12.79	10.18	14.21	8.39	7.84	6.63	7.66	5.76	5.61	6.16	6.71
25	5.47	10.42	9.02	14.83	8.20	7.78	6.58	6.92	5.74	5.60	6.15	6.69
26	5.46	7.68	8.50	12.85	9.79	7.70	6.54	6.63	5.72	5.60	6.07	6.45
27	5.45	12.05	8.42	10.38	15.38	7.66	6.53	6.47	5.71	5.60	5.98	6.32
28	5.45	14.73	8.68	9.60	15.44	7.89	6.51	6.37	6.03	5.61	5.92	6.23
29	5.44	14.10	8.80	9.14	14.08	8.01	6.50	6.29	6.20	7.58	5.87	6.14
30	5.44	9.63	8.33	8.81	---	7.78	6.47	6.22	6.14	6.90	5.87	6.05
31	5.44	---	8.01	8.50	---	7.52	---	6.18	---	6.49	5.92	---
MAX	5.54	14.73	16.98	14.83	16.52	15.87	12.74	9.55	6.37	7.58	12.69	6.71
MIN	5.44	5.44	7.88	7.78	7.79	7.52	6.47	6.17	5.71	5.60	5.86	5.66

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955, 1972-73, 1978 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: February 1981 to current year.
SUSPENDED-SEDIMENT DISCHARGE: February 1981 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT CONCENTRATIONS: Maximum daily mean, 852 mg/L May 5, 1981; minimum daily mean, no flow on many days during 1981, 1982, 1983, and 1984.
SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 2820 tons June 8, 1981; minimum daily, no flow on many days during 1981, 1982, 1983, and 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)
DEC									
07...	1345	93	5.8	10.5	80	20	8.3	1.6	160
APR									
11...	0945	155	6.9	17.5	100	20	7.7	.2	100

DATE	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
DEC									
07...	1600	20	4.7	2.0	8.3	2.7	8	16	12
APR									
11...	160	32	7.3	3.3	15	2.0	21	14	22

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
DEC							
07...	<.1	12	80	65	.1	.3	.10
APR							
11...	<.1	14	115	91	.2	1.9	.12

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CHROMIUM, HEXAVALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)
DEC												
07...	1	1	<1	<10	.6	<1	<1	<1	<10	3	<1	3

< Actual value is known to be less than the value shown.

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	MERCURY DISSOLVED (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
DEC 07...	2	2	440	4300	7	2	10	820	<.1	<.1	.03	3

DATE	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)
DEC 07...	2	<1	<1	2	30	17	20	<.1	<1	<.1	<1	<.01

DATE	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)
DEC 07...	<.1	<.1	2	<.01	<.1	<.01	1.9	<.01	<.1	<.01	<.1	<.01

DATE	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)
DEC 07...	.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PARATHION, TOTAL (UG/L)
DEC 07...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
DEC 07...	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

08023400 BAYOU SAN PATRICIO NEAR BENSON, LA--Continued

SUSPENDED-SEDIMENT, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)	MEAN CONCENTRATION (MG/L)	LOADS (T/DAY)
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	E 7	.51	4	.24	21	1.7	26	8.7
2	---	---	---	---	E 7	.42	4	.25	21	1.5	30	6.5
3	---	---	---	---	15	18	11	.74	21	1.7	33	6.5
4	---	---	---	---	13	47	16	1.1	19	2.0	35	8.0
5	---	---	---	---	13	29	18	1.2	10	.97	48	113
6	---	---	---	---	14	14	14	.87	8	.58	41	147
7	---	---	---	---	13	2.9	13	.77	8	.48	36	76
8	---	---	---	---	8	1.0	12	.65	10	.54	32	35
9	---	---	---	---	6	.57	11	.62	23	1.4	31	11
10	---	---	---	---	16	19	18	3.4	51	4.0	24	5.3
11	---	---	---	---	15	190	16	4.3	55	16	18	3.1
12	---	---	---	---	22	79	6	.92	49	221	38	7.5
13	---	---	---	---	21	35	4	.43	37	320	38	14
14	---	---	---	---	14	10	5	.43	27	60	32	9.2
15	---	---	---	---	17	4.9	13	3.4	28	34	34	6.9
16	---	---	---	---	16	3.0	8	4.2	33	16	33	5.5
17	---	---	---	---	16	4.0	11	3.0	32	15	31	4.4
18	---	---	---	---	20	6.6	9	1.7	32	8.0	29	3.5
19	---	---	---	---	11	2.3	8	1.4	33	6.1	26	2.8
20	---	---	---	---	11	1.6	11	1.4	33	4.7	25	2.3
21	---	---	---	---	15	2.1	11	1.1	30	3.6	E 27	2.0
22	---	---	---	---	23	14	8	.65	32	3.6	30	1.9
23	---	---	---	---	19	10	16	2.8	26	2.6	30	1.8
24	---	---	---	---	13	3.0	17	20	16	1.4	25	1.4
25	---	---	16	4.8	14	1.8	19	28	9	.68	23	1.2
26	---	---	18	.87	16	1.5	21	15	18	8.8	28	1.4
27	---	---	19	13	8	.71	20	5.1	23	46	28	1.4
28	---	---	24	35	5	.53	21	3.7	30	64	43	2.6
29	---	---	18	20	3	.34	20	2.8	29	34	34	2.3
30	---	---	10	1.9	2	.17	21	2.4	---	---	28	1.5
31	---	---	---	---	6	.39	22	2.1	---	---	30	1.2
TOTAL	---	---	---	---	---	503.34	---	114.67	---	880.35	---	494.90
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	28	1.1	36	.23	23	.02	---	---	---	---	---	---
2	34	2.4	36	.22	25	.02	---	---	---	---	---	---
3	187	125	35	.20	21	.02	---	---	---	---	---	---
4	208	79	32	.17	19	.00	---	---	---	---	---	---
5	126	17	23	.11	16	.01	---	---	---	---	---	---
6	45	3.6	22	.10	---	---	---	---	---	---	---	---
7	34	2.1	25	.11	---	---	---	---	26	14	---	---
8	34	2.4	44	8.2	---	---	---	---	26	17	---	---
9	34	3.6	41	3.1	---	---	---	---	17	2.0	---	---
10	33	3.2	36	1.2	---	---	---	---	E 19	.82	---	---
11	32	134	32	.49	---	---	---	---	23	.62	---	---
12	39	2.5	25	.23	---	---	---	---	E 25	.53	---	---
13	38	2.1	24	.14	---	---	---	---	23	.37	---	---
14	34	3.7	27	.12	---	---	---	---	20	.25	---	---
15	24	.71	28	.09	---	---	---	---	20	.21	---	---
16	24	.58	26	.06	---	---	---	---	17	.15	---	---
17	22	.46	31	.05	---	---	---	---	18	.14	---	---
18	25	.50	32	.04	---	---	---	---	21	.14	---	---
19	25	.46	32	.05	---	---	---	---	---	---	---	---
20	E 23	.40	29	.07	---	---	---	---	---	---	---	---
21	19	.30	33	.15	---	---	---	---	---	---	---	---
22	17	.24	67	2.6	---	---	---	---	---	---	---	---
23	13	.16	76	4.5	---	---	---	---	---	---	---	---
24	14	.15	72	3.5	---	---	---	---	---	---	---	---
25	20	.18	40	.76	---	---	---	---	---	---	---	---
26	34	.28	30	.32	---	---	---	---	---	---	---	---
27	38	.31	29	.19	---	---	---	---	---	---	---	---
28	37	.28	29	.13	---	---	---	---	---	---	---	---
29	37	.27	27	.08	---	---	---	---	---	---	---	---
30	36	.23	24	.05	---	---	---	---	---	---	---	---
31	---	---	23	.03	---	---	---	---	---	---	---	---
TOTAL	---	387.21	---	27.29	---	---	---	---	---	---	---	---

E Estimated.

08025500 BAYOU TORO NEAR TORO, LA

LOCATION.--Lat 31°18'25", long 93°30'56, in SW1/4 sec.20, T.4 N., R.11 W., Sabine Parish, Hydrologic Unit 12010005, near right bank on downstream side of bridge on state highway 473, 0.2 mi upstream from Hamby Creek, 2.5 mi northeast of Toro, and 7.8 mi west of Hornbeck.

DRAINAGE AREA.--148 mi^2.

PERIOD OF RECORD.--October 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 138.00 ft National Geodetic Vertical Datum of 1929 (levels by Louisiana Department of Transportation and Development, Office of Public Works).

REMARKS.--Records good.

AVERAGE DISCHARGE.--29 years, 146 ft^3/s, 13.40 in/yr, 105,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 31,200 ft^3/s Apr. 9, 1968, gage height, 25.73 ft from rating curve extended above 13,000 ft^3/s; minimum 0.1 ft^3/s Sept. 29, 30, Oct. 1-3, 1956; minimum gage height, 2.40 ft Sept. 30, Oct. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,800 ft^3/s (revised) and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 3	1600	3620	16.39	Mar. 5	0900	3800	16.76
Feb. 13	1830	*3850	*16.87				

Minimum discharge, 6.4 ft^3/s Sept. 18, 19-20, 21, gage height, 2.84 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	9.8	291	72	98	158	85	39	28	16	11	9.6
2	12	10	573	74	89	132	150	38	26	15	9.5	10
3	12	10	2540	74	105	119	699	37	24	20	8.8	11
4	11	11	3040	70	150	112	662	35	23	17	13	11
5	12	11	2290	66	117	3020	222	32	22	15	45	13
6	12	12	930	63	87	3530	140	30	38	15	27	17
7	11	16	423	60	73	2080	113	30	430	17	19	12
8	11	17	228	56	68	499	637	411	300	14	15	10
9	11	18	166	124	67	287	866	285	86	18	17	9.1
10	11	16	258	566	77	228	333	85	50	13	18	8.6
11	11	14	875	456	100	193	180	53	55	12	57	8.1
12	11	14	829	213	2560	223	145	42	65	12	567	8.0
13	12	14	344	140	3580	485	118	38	39	11	305	8.2
14	11	14	197	110	2560	371	96	34	32	11	60	7.6
15	12	14	146	277	711	243	81	31	34	10	35	7.7
16	12	14	130	403	435	193	73	29	27	10	25	7.0
17	11	16	229	230	365	166	68	27	26	10	20	6.7
18	12	15	220	201	245	150	64	25	31	10	18	6.5
19	12	25	143	215	191	136	61	28	68	9.6	15	6.4
20	14	177	110	147	159	122	59	37	33	9.1	14	6.4
21	14	121	174	110	164	108	56	198	26	9.1	13	13
22	13	144	542	94	156	98	53	434	22	9.2	12	110
23	14	1110	435	299	129	93	52	186	19	8.6	13	185
24	14	1070	205	1420	112	91	50	77	18	8.0	12	79
25	13	326	127	1100	99	86	45	50	19	7.6	11	41
26	12	101	97	400	226	81	43	86	16	13	11	28
27	11	781	98	236	850	79	43	249	16	15	11	21
28	11	1100	131	171	532	153	44	99	18	26	10	17
29	10	502	141	138	235	389	43	53	17	21	9.2	15
30	10	153	101	122	---	149	41	39	17	20	9.2	14
31	10	---	77	114	---	101	---	32	---	15	11	---
TOTAL	366	5855.8	16090	7821	14340	13875	5322	2869	1625	417.2	1421.7	706.9
MEAN	11.8	195	519	252	494	448	177	92.5	54.2	13.5	45.9	23.6
MAX	14	1110	3040	1420	3580	3530	866	434	430	26	567	185
MIN	10	9.8	77	56	67	79	41	25	16	7.6	8.8	6.4
CFSM	.08	1.32	3.51	1.70	3.34	3.03	1.20	.62	.37	.09	.31	.16
IN.	.09	1.47	4.04	1.97	3.60	3.49	1.34	.72	.41	.10	.36	.18
AC-FT	726	11610	31910	15510	28440	27520	10560	5690	3220	828	2820	1400

CAL YR 1983 TOTAL 100950.8 MEAN 277 MAX 9070 MIN 9.8 CFSM 1.87 IN. 25.37 AC-FT 200200
WTR YR 1984 TOTAL 70709.6 MEAN 193 MAX 3580 MIN 6.4 CFSM 1.30 IN. 17.77 AC-FT 140300

08025500 BAYOU TORO NEAR TORO, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VAULES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.11	3.00	5.88	4.33	4.62	5.16	4.38	3.74	3.56	3.25	3.08	2.99
2	3.09	3.02	7.23	4.35	4.52	4.97	4.85	3.72	3.51	3.23	3.03	3.01
3	3.07	3.02	13.63	4.34	4.68	4.86	7.93	3.70	3.47	3.38	3.00	3.04
4	3.06	3.04	15.08	4.31	5.07	4.79	7.76	3.66	3.45	3.29	3.13	3.05
5	3.10	3.05	13.21	4.26	4.79	14.81	5.45	3.61	3.43	3.24	3.88	3.11
6	3.08	3.10	8.89	4.22	4.50	16.19	4.89	3.57	3.62	3.22	3.55	3.25
7	3.06	3.22	6.62	4.17	4.34	12.60	4.66	3.55	6.62	3.28	3.33	3.10
8	3.05	3.24	5.56	4.12	4.27	6.56	7.57	6.44	5.88	3.21	3.22	3.02
9	3.04	3.27	5.18	4.69	4.26	5.86	8.69	5.80	4.40	3.32	3.29	2.97
10	3.04	3.22	5.67	7.34	4.38	5.49	6.09	4.38	3.97	3.18	3.32	2.95
11	3.03	3.17	8.73	6.78	4.63	5.28	5.19	3.97	3.99	3.13	3.81	2.92
12	3.06	3.15	8.54	5.47	13.31	5.46	4.93	3.80	4.16	3.11	7.32	2.92
13	3.07	3.15	6.20	4.99	16.29	6.92	4.70	3.71	3.78	3.09	5.87	2.93
14	3.06	3.15	5.38	4.73	13.88	6.32	4.49	3.64	3.65	3.07	4.06	2.90
15	3.08	3.17	5.04	5.82	7.89	5.58	4.34	3.58	3.68	3.06	3.66	2.91
16	3.07	3.15	4.90	6.52	6.68	5.28	4.24	3.54	3.54	3.06	3.45	2.87
17	3.07	3.20	5.57	5.57	6.34	5.09	4.17	3.50	3.52	3.05	3.34	2.86
18	3.08	3.20	5.51	5.41	5.69	4.97	4.13	3.45	3.61	3.06	3.26	2.85
19	3.10	3.38	5.01	5.49	5.38	4.86	4.09	3.51	4.19	3.03	3.20	2.84
20	3.16	5.11	4.73	5.04	5.17	4.74	4.06	3.70	3.67	3.01	3.14	2.84
21	3.14	4.70	5.15	4.73	5.21	4.61	4.02	4.90	3.51	3.01	3.11	3.07
22	3.13	4.62	7.22	4.58	5.15	4.52	3.97	6.65	3.43	3.01	3.09	4.51
23	3.14	9.61	6.67	5.73	4.94	4.47	3.95	5.20	3.35	2.99	3.11	5.22
24	3.16	9.48	5.42	10.73	4.79	4.44	3.92	4.31	3.31	2.96	3.10	4.29
25	3.11	6.00	4.88	9.58	4.67	4.38	3.85	3.97	3.34	2.94	3.06	3.78
26	3.07	4.54	4.61	6.50	5.38	4.33	3.82	4.19	3.26	3.14	3.04	3.52
27	3.06	8.11	4.62	5.60	8.64	4.31	3.82	5.59	3.25	3.22	3.04	3.35
28	3.03	9.60	4.92	5.22	7.15	4.87	3.82	4.53	3.31	3.51	3.01	3.26
29	3.02	6.92	5.00	4.97	5.63	6.41	3.81	4.01	3.30	3.40	2.97	3.20
30	3.02	4.99	4.65	4.84	---	4.95	3.77	3.77	3.27	3.36	2.97	3.15
31	3.01	---	4.38	4.77	---	4.54	---	3.65	---	3.23	3.05	---
MAX	3.16	9.61	15.08	10.73	16.29	16.19	8.69	6.65	6.62	3.51	7.32	5.22
MIN	3.01	3.00	4.38	4.12	4.26	4.31	3.77	3.45	3.25	2.94	2.97	2.84

08025606 BAYOU TORO NEAR TOLEDO BEND, NEAR TORO, LA

LOCATION.--Lat 31°12'12", long 93°32'39", on line between sec. 25 and 36, T.2 N., R.,11 W., Vernon Parish, Hydrologic Unit 12010005, near left bank on downstream side of bridge on State Highway 392, 1.8 mi upstream from mouth and 7.3 mi south of Toro.

DRAINAGE AREA.--205 mi^2.

PERIOD OF RECORD.--June 1966 to July 1974 low-flow measurements and occasional miscellaneous measurements. October 1976 to current year (elevations only).

REVISED RECORDS.--WDR LA-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--No elevations recorded below 91.80 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 113.73 ft May 22, 1983; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 100.70 ft Mar. 5; minimum not determined.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91.81		92.60	92.35	92.50	94.12	92.37	92.01	91.97	91.80	91.81	---
2	91.80		93.28	92.35	92.44	94.05	92.32	92.00	91.94	91.81	91.81	---
3			97.46	92.35	92.50	93.99	93.42	92.00	91.92	91.80	91.80	---
4			98.32	92.34	92.61	93.95	94.30	91.99	91.90	91.83	91.80	---
5	91.88		97.70	92.32	92.57	99.65	93.06	91.98	91.90	91.80	91.80	---
6	91.81		95.85	92.30	92.43	99.44	92.63	91.97	91.89	91.80	92.01	---
7		91.82	93.82	92.28	92.35	98.92	92.47	91.97	92.97	91.80	91.91	---
8		91.84	93.08	92.25	92.30	95.63	94.02	92.95	93.33	91.80	91.84	---
9		91.84	92.84	92.25	92.30	94.39	94.49	93.23	92.46	92.03	91.82	---
10		91.84	92.70	94.15	92.30	94.02	93.55	92.43	92.19	91.82	91.82	---
11		91.81	94.78	93.80	92.38	93.92	92.80	92.19	92.07	91.80	91.83	---
12		---	94.53	93.05	97.76	93.93	92.62	92.06	92.55	91.81	93.03	---
13		---	93.55	92.75	98.87	94.21	92.51	91.90	92.14	91.80	93.59	---
14		---	92.94	92.57	98.21	94.37	92.40	---	92.02	91.80	92.36	---
15		91.81	92.76	92.90	95.43	94.02	92.32	---	91.98	91.80	92.08	---
16			92.60	93.42	---	94.05	92.26	---	91.96	91.80	91.93	---
17			92.94	93.06	---	93.98	92.23	91.90	91.92		91.87	---
18		91.80	93.02	92.87	---	93.87	92.19	91.89	91.92		91.84	---
19		91.80	92.75	92.91	---	93.81	92.17	91.88	91.99		91.84	---
20		92.25	92.57	92.77	---	94.11	92.15	92.02	92.06		91.82	---
21	91.80	92.65	92.49	92.57	---	93.82	92.14	92.03	91.93		---	---
22	91.81	92.22	93.47	92.48	---	93.49	92.12	94.43	91.89		---	92.20
23		94.63	93.66	92.46	---	93.42	92.08	92.98	91.85		---	92.53
24		95.06	93.00	96.06	---	93.41	92.08	92.44	91.82		91.87	92.49
25	91.80	93.87	92.76	95.15	93.77	93.40	92.05	92.21	91.82			92.09
26		92.54	93.75	93.71	93.82	93.39	92.04	92.09	91.82			91.96
27		93.80	93.95	93.05	95.64	93.98	92.03	93.76	91.80			91.86
28		95.00	92.55	92.84	95.17	94.08	92.03	92.59	91.80			91.80
29		94.44	92.65	92.70	94.36	94.39	92.02	92.25	91.93	91.93		
30		92.74	92.54	92.60	---	94.27	92.02	92.09	91.82	91.83		
31		---	92.39	92.55	---	92.46	---	92.01	---	91.85		---
MAX	91.88	95.06	98.32	96.06	94.43	99.65	94.49	94.43	93.33	92.03	93.59	---
MIN	---	---	92.39	92.25	92.30	92.46	92.02	---	91.80	---	---	---

08028000 BAYOU ANACOCO NEAR ROSEPINE, LA

LOCATION.--Lat 30°57'10", long 93°21'10", on line between secs. 25 and 26, T.1 S., R.10 W., Vernon Parish, Hydrologic Unit 12010005, near center of span on downstream side of bridge on parish road from Rosepine to Evans, just downstream from Pocosin Creek, and 4.8 mi northwest of Rosepine.

DRAINAGE AREA.--365 mi^2.

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 2122: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 118.09 ft National Geodetic Vertical Datum of 1929. Prior to Nov. 11, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good. Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Vernon Lake (usable capacity, 58,0000 acre-ft) since May 1963. Occasional regulation July to September in most years caused temporary lowering of the reservoirs upstream.

AVERAGE DISCHARGE.--33 years, 456 ft^3/s, 16.97 in/yr, 330,400 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 64,300 ft^3/s May 19, 1953, gage height, 28.38 ft; minimum, 4.0 ft^3/s Sept. 28, 29, 30, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25,800 ft^3/s Feb. 13, gage height, 23.86 ft from floodmark; minimum, 8.5 ft^3/s July 24, 25, gage height, 2.84 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75	24	732	355	443	782	191	105	78	42	139	58
2	67	24	578	337	391	663	486	95	62	30	100	55
3	58	25	2050	325	440	561	2280	84	52	34	77	46
4	51	32	4320	312	454	537	1870	80	45	31	59	55
5	53	83	9870	300	421	1520	1180	77	39	47	45	48
6	78	52	7990	290	376	2340	850	65	58	38	53	35
7	63	57	4120	281	325	2550	630	59	681	29	105	25
8	51	66	2830	270	283	2190	1000	332	1050	23	91	21
9	46	60	1640	414	299	1500	1600	360	632	27	219	20
10	44	57	1390	1540	497	1030	1470	231	312	31	281	20
11	41	53	3940	1640	426	778	1130	170	228	24	234	18
12	37	48	6830	1110	3500	661	885	140	212	21	271	16
13	37	44	5730	780	20700	655	673	125	171	20	354	15
14	35	41	3160	631	13700	640	518	108	129	17	243	15
15	31	41	1450	717	10800	573	402	94	102	15	186	14
16	31	49	971	926	4350	506	329	87	130	14	137	13
17	33	45	1010	807	3650	452	274	72	117	14	107	16
18	40	39	840	698	3010	418	231	57	236	15	84	15
19	37	179	687	621	1760	389	197	66	176	18	68	13
20	35	1130	566	537	1140	414	181	376	150	15	55	12
21	37	864	555	454	1040	352	161	710	134	12	48	55
22	39	417	1220	388	901	305	162	1290	114	11	41	434
23	34	508	1370	657	726	269	153	1080	93	9.3	35	779
24	33	855	960	2160	603	362	136	567	74	8.8	37	1420
25	30	616	672	2550	518	412	117	373	63	11	42	886
26	31	357	502	2350	454	328	104	318	50	18	32	435
27	31	822	462	1400	811	280	105	322	45	13	30	294
28	26	1610	553	944	1080	263	108	221	47	45	40	209
29	24	1400	592	744	927	247	107	192	39	332	32	159
30	24	936	484	609	---	235	98	148	43	373	27	118
31	24	---	395	520	---	210	---	104	---	219	43	---
TOTAL	1276	10534	68469	25667	74025	22422	17628	8108	5362	1557.1	3315	5319
MEAN	41.2	351	2209	828	2553	723	588	262	179	50.2	107	177
MAX	78	1610	9870	2550	20700	2550	2280	1290	1050	373	354	1420
MIN	24	24	395	270	283	210	98	57	39	8.8	27	12
CFSM	.11	.96	6.05	2.27	7.00	1.98	1.61	.72	.49	.14	.29	.49
IN.	.13	1.07	6.98	2.62	7.54	2.29	1.80	.83	.55	.16	.34	.54
AC-FT	2530	20890	135800	50910	146800	44470	34970	16080	10640	3090	6580	10550

CAL YR 1983 TOTAL 338730.0 MEAN 928 MAX 18000 MIN 24 CFSM 2.54 IN. 34.52 AC-FT 671900
WTR YR 1984 TOTAL 243682.1 MEAN 666 MAX 20700 MIN 8.8 CFSM 1.83 IN. 24.84 AC-FT 483300

08028000 BAYOU ANACOCO NEAR ROSEPINE, LA--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.51	3.07	7.48	5.47	6.00	7.73	4.38	3.75	3.55	3.25	4.01	3.39
2	3.45	3.07	6.71	5.36	5.69	7.13	5.83	3.68	3.43	3.13	3.72	3.37
3	3.39	3.08	12.99	5.28	5.98	6.62	14.23	3.60	3.34	3.17	3.54	3.29
4	3.34	3.15	19.30	5.19	6.06	6.50	12.54	3.56	3.28	3.14	3.40	3.37
5	3.35	3.59	21.37	5.11	5.87	11.10	9.59	3.54	3.23	3.30	3.28	3.31
6	3.55	3.34	20.98	5.05	5.60	14.45	8.05	3.45	3.36	3.21	3.35	3.18
7	3.44	3.39	19.21	4.99	5.28	15.28	6.97	3.40	7.13	3.13	3.76	3.08
8	3.34	3.46	16.29	4.92	5.00	13.88	8.75	5.32	8.97	3.05	3.65	3.03
9	3.29	3.41	11.57	5.74	5.11	11.04	11.46	5.48	6.95	3.09	4.55	3.01
10	3.27	3.39	10.50	11.15	6.29	8.88	10.88	4.65	5.19	3.14	4.99	3.01
11	3.25	3.36	18.88	11.62	5.90	7.71	9.35	4.23	4.63	3.07	4.67	2.99
12	3.20	3.31	20.75	9.25	---	7.12	8.22	4.02	4.52	3.02	4.91	2.97
13	3.20	3.27	20.35	7.72	23.20	7.09	7.18	3.90	4.24	3.02	5.46	2.95
14	3.18	3.25	17.13	6.97	22.02	7.01	6.40	3.78	3.93	2.97	4.73	2.94
15	3.15	3.24	10.75	7.40	20.54	6.68	5.76	3.67	3.73	2.95	4.34	2.93
16	3.14	3.32	8.62	8.41	19.59	6.34	5.30	3.62	3.94	2.93	3.99	2.92
17	3.17	3.28	8.81	7.85	18.61	6.05	4.94	3.50	3.85	2.94	3.77	2.97
18	3.23	3.22	8.01	7.31	17.04	5.85	4.65	3.39	4.69	2.94	3.60	2.94
19	3.20	4.12	7.25	6.92	12.10	5.68	4.42	3.46	4.27	2.99	3.47	2.92
20	3.1[illegible]	9.35	6.64	6.50	9.41	5.83	4.31	5.60	4.09	2.95	3.37	2.90
21	3.20	8.11	6.58	6.06	8.91	5.45	4.16	7.37	3.97	2.90	3.31	3.31
22	3.22	5.83	9.76	5.67	8.30	5.15	4.17	10.10	3.82	2.88	3.24	5.82
23	3.18	6.31	10.44	7.10	7.45	4.91	4.11	9.10	3.66	2.85	3.18	7.71
24	3.16	8.08	8.57	13.75	6.83	5.51	3.98	6.65	3.52	2.85	3.20	10.64
25	3.13	6.89	7.18	15.30	6.40	5.82	3.85	5.58	3.43	2.88	3.25	8.20
26	3.14	5.48	6.32	14.52	6.06	5.30	3.75	5.23	3.33	2.98	3.16	5.94
27	3.14	7.82	6.11	10.58	7.87	4.98	3.76	5.25	3.28	2.91	3.13	5.07
28	3.09	11.48	6.58	8.50	9.11	4.87	3.78	4.58	3.30	3.22	3.23	4.51
29	3.07	10.58	6.77	7.54	8.42	4.76	3.77	4.38	3.22	5.20	3.15	4.15
30	3.07	8.46	6.22	6.86	---	4.68	3.70	4.07	3.26	5.56	3.10	3.85
31	3.07	---	5.71	6.41	---	4.51	---	3.75	---	4.57	3.26	---
MAX	3.55	11.48	21.37	15.30	23.20	15.28	14.23	10.10	8.97	5.56	5.46	10.64
MIN	3.07	3.07	5.71	4.92	5.00	4.51	3.70	3.39	3.22	2.85	3.10	2.90

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08028200 BAYOU ANACOCO NEAR KNIGHT, LA

LOCATION.--Lat 30°52'14", long 93°30'38", in SE1/4 sec.20, T.2 S., R.11 W., Beauregard-Vernon Parish line, near right bank of low-water channel at downstream side of bridge on State Highway 111, 4.9 mi southwest of Knight, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--425 mi^2.

PERIOD OF RECORD.--Water years 1958, 1961, 1969 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1969 to September 1972.
WATER TEMPERATURES: December 1969 to September 1971.
COLOR: December 1969 to July 1972.

REMARKS.--Some effect from storage in Anacoco Lake (usable capacity, 41,300 acre-ft) except January 1956 to September 1958 and Lake Vernon (usable capacity, 58,000 acre-ft) since May 1963. Water used by paper mill at De Ridder is pumped from wells and discharged later as waste into bayou above station. This discharge is not continuous but is stored in a reservoir and is released whenever flow of bayou is sufficient to dilute effluent from mill. Daily discharge values are from Bayou Anacoco near Rosepine, La., upstream station (08028000).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 910 micromhos Oct. 31, 1970; minimum daily, 40 micromhos Jan. 1, 1970, Jan. 7, 1972.
WATER TEMPERATURES: Maximum daily, 33.0°C June 15, 1970; minimum daily, 7.0°C Jan. 9, 10, 1970.
COLOR: Maximum daily, 600 units Mar. 16, 1971; minimum daily, 5 units June 20, 27-30, 1970.

EXTREMES OUTSIDE PERIOD OF DAILY RECORD.--A water temperature of 6.0°C was observed Jan. 19, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	DIS-CHARGE, IN CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT 21...	0845	37	637	6.9	23.5	200	3.0	6.8	1.3	36
JAN 19...	1515	621	190	6.6	6.0	100	20	11.2	5.0	150
APR 11...	1600	1130	154	7.3	21.0	120	35	8.2	4.0	100
JUL 11...	1415	24	276	7.3	30.5	100	25	7.1	1.5	48

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 21...	1900	40	13	1.8	120	4.8	117	120	42
JAN 19...	480	18	5.9	1.8	29	2.0	31	32	17
APR 11...	480	16	5.0	.77	23	1.7	21	24	16
JUL 11...	86	25	8.0	1.3	43	2.3	46	42	28

DATE	FLUO-RIDE, DIS-SOLVED AS AS F)	SILICA, DIS-SOLVED (MG/L SOLVED SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-(MG/L (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 21...	.1	19	417	391	.4	1.2	.12
JAN 19...	<.1	10	132	117	.1	1.6	.08
APR 11...	<.1	7.9	107	91	.1	.9	.09
JUL 11...	<.1	16	193	169	.3	.5	.11

< Actual value is known to be less than the value shown.

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08028200 BAYOU ANACOCO NEAR KNIGHT, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC TOTAL (UG/L AS AS)	ARSENIC DIS-SOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOT-TOM MA-TERIAL (UG/G AS AS)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CADMIUM DIS-SOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	CHRO-MIUM, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	CHRO-MIUM, HEXA-VALENT, DIS. (UG/L AS CR)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)
OCT												
21...	1	1	<1	<10	<.5	1	<1	2	10	4	<1	7

DATE	COPPER, DIS-SOLVED (UG/L AS CU)	COPPER, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	MERCURY DIS-SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)
OCT												
21...	3	1	340	2500	7	1	<10	420	<.1	<.1	<.01	7

DATE	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)
OCT												
21...	3	<1	<1	9	50	20	6	<.1	<1	<.1	<1	<.01

DATE	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)
OCT												
21...	<.1	<.1	<1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)
OCT												
21...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION, TOTAL (UG/L)
OCT												
21...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
OCT											
21...	<.1	<.1	<1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than at stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of peak elevation at flood profile stations. Discharge measurements made at miscellaneous sites for both low flow and high flow; and discharge measurements made for a seepage study are presented following the partial-record tables.

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (ft^3/s)
		Pearl River Basin					
02491350	Hays Creek near Franklinton, LA.	Lat 30°53'16", long 90°11'28", Washington Parish, at bridge on State Highway 25, and 3.4 mi northwest of Franklinton water tower.	42.2	1966-84	12-28-83	9.02	810
		Red River basin					
07348725	Indian Creek at Shongaloo, LA.	Lat 32°55'55", long 93°17'30", Webster Parish, at bridge on State Highway 535, and 0.8 mi southeast of Shongaloo.	33.1	1966-84	2-12-84	42.28	1,240
07351670	Rambin Bayou near Frierson, LA.	Lat 32°13'25", long 93°42'15", De Soto Parish, at bridge on State Highway 175, and 1.5 mi south of Frierson.	59.6	1966-84	3- 5-84	11.76	(#)
07352400	Kepler Creek at Sparta, LA.	Lat 32°22'05", long 93°05'35", Bienville Parish, at bridge on State Highway 507, 0.8 mi west of Sparta.	21.1	1954-68, 1974-84	12-10-83	46.04	5,280
07353990	Kisatchie Bayou at Kisatchie, LA.	Lat 31°25'20", long 93°10'14", Natchitoches Parish, at bridge on State Highway 117, and 0.6 mi north of Kisatchie.	37.3	1966-84	2-12-84	23.17	5,510
07364870	Sugar Creek near Arcadia, LA.	Lat 32°41'20", long 92°51'30", Claiborne-Lincoln Parish line, at bridge on State Highway 146, and 10.3 mi northeast of Arcadia.	*47	1966-84	12-11-83	46.73	8,170
07366403	Bayou Choudrant tributary near Tremont, LA.	Lat 32°31'55", long 92°27'55", Lincoln Parish, at culvert on Interstate Highway 20, and 1.1 mi northwest of Tremont.	0.54	1966-84	3- 5-84	8.32	274
07366420	Bayou Choudrant near Calhoun, LA.	Lat 32°32'30", long 92°22'45", Ouachita Parish, at bridge on State Highway 151, and 2.5 mi northwest of Calhoun.	113	1966-84	3- 6-84	45.04	10,300
07367250	Guyton Creek near Eros, LA.	Lat 32°25'25", long 92°21'20", Ouachita Parish, at culvert on State Highway 546, and 4.3 mi northeast of Eros.	8.76	1968-84	4- 3-84	11.38	1,090

See footnotes at end of the table.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Annual maximum		
					Date	Gage height (feet)	Discharge (ft³/s)
		Red River basin--Continued					
07370600	Beaucoup Creek near Cotton Plant, LA.	Lat 32°06'40", long 92°19'20", Winn Parish, at bridge on State Highway 126, and 3.3 mi west of Cotton Plant.	127	1951-68, 1974-84	3- 5-84	11.15	5,410
07372110	Brushy Creek near Joyce, LA.	Lat 31°55'10", long 92°33'15", Winn Parish, at bridge on U.S. Highway 84, and 3.0 mi southeast of Joyce.	*24	1965-84	3- 5-84	44.82	3,720
		Thompson Creek basin					
07373450	Thompson Creek at Jackson, LA.	Lat 30°50'25", long 91°13'35", East Feliciana-West Feliciana Parish line, at bridge on State Highway 10, and 0.5 mi west of Jackson.	99.3	1949-59, 1972-73, 1975-84	2-13-84	a85.12	9,850
07373640	Hammer Creek tributary near Jackson, LA.	Lat 30°50'40", long 91°17'35", West Feliciana Parish, at culvert on State Highway 10, 2.8 mi east of Elm Park, and 4.7 mi west of Jackson.	.20	1968-84	12-11-83	5.44	284
		Bayou Baton Rouge basin					
07373965	South Canal near Baker, LA.	Lat 30°37'00", long 91°08'56", East Baton Rouge Parish, at bridge on McHugh Rd., 1.4 mi upstream from Cypress Bayou and 2.3 mi northeast of Baker.	(b)	1972-82, 1983-84	12-11-83	17.48	1,920
		Mississippi River Delta					
07375222	Abita River north of Abita Springs, LA.	Lat 30°28'55", long 90°02'20", St. Tammany Parish, at bridge on State Highway 36, and 0.2 mi north of village of Abita Springs.	46.1	1966-84	12-29-83	a23.05	3,740
07375307	Terrys Creek near Kentwood, LA.	Lat 30°57'23", long 90°30'13", Tangipahoa Parish, at bridge on U.S. Highway 51, and 5.1 mi northeast of Kentwood.	52.0	1966-84	12-28-83	9.99	1,140
07377210	Sandy Creek near Pride, LA.	Lat 30°40'14", long 90°57'36", East Baton Rouge Parish, at bridge on Carlson Road, 0.8 mi east of insection of Carlson Road with State Highway 409, and 1.9 mi southeast of Pride.	69.90	1976-84	12-11-83	a89.05	2,910
07378070	Beaver Bayou near Fred, LA.	Lat 30°37'32", long 91°03'08", East Baton Rouge Parish, at bridge on State Highway 946, 0.2 mi southwest of intersection of State Highways 64 and 946, and 3.6 mi southeast of Fred.	0.17	1975-84	12-11-83	12.36	(#)
07379085	North Branch Ward Creek tributary at Baton Rouge, LA.	Lat 30°26'43", long 91°05'26", East Baton Rouge Parish, at culvert on U.S. Highway 61 at Baton Rouge, and 0.2 mi upstream from mouth.	.13	1969-84	6-27-84	11.15	95.6
		Mermentau River basin					
08011800	Castor Creek near Oberlin, LA.	Lat 30°37'10", long 92°37'10", Allen Parish, at bridge on Parish road 0.1 mi upstream from Mulberry Creek, and 8.5 mi east of Oberlin.	43.9	1964-84	6-10-83	a46.70	3,140

See footnotes at end of the table.

ANNUAL MAXIMUM DISCHARGE AT CREST-STAGE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Annual maximum Date	Annual maximum Gage height (feet)	Annual maximum Discharge (ft³/s)
		Calcasieu River basin					
08013610	Whisky Chitto Creek tributary near Leesville, LA.	Lat 31°06'55", long 93°09'50", Vernon Parish, at culvert on Ninth Street in North Fort Polk, 3.2 mi upstream from mouth.	0.32	1966-84	11-20-83	10.27	505
08014200	Tenmile Creek near Elizabeth, LA.	Lat 30°50'11", long 92°52'26", Allen Parish, at bridge on State Highway 112, 0.3 mi downstream from Carter Branch, and 5.3 mi southwest of Elizabeth.	94.2	1950-65c, 1966-84	2-11-84	16.02	6,830
08015200	Dry Creek at Dry Creek, LA.	Lat 30°39'25, long 93°02'45", Beauregard Parish, at bridge on State Highway 113, and 1.0 mi south of Dry Creek.	42.7	1954-68, 1975-84	12-14-83	20.93	2,010
		Sabine River basin					
08024030	Bayou Scie at Zwolle, LA.	Lat 31°37'45", long 93°37'40" Sabine Parish, at bridge on U.S. Highway 171, and 1.0 mi east of Zwolle.	45.9	1950-68, 1974-84	3- 5-84	13.96	6,840
08025850	Pearl Creek at State Highway 111, at Burr Ferry, LA.	Lat 31°04'32", long 93°29'22", Vernon Parish, at bridge 0.9 mi northeast of Burr Ferry.	9.66	1967-84	2-13-84	12.86	3,350

# Discharge not determined.
* Approximately.
a Elevation; National Geodetic Vertical Datum (NGVD) of 1929.
b Drainage area not determined.
c Operated as a continuous-record gaging station.

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PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

The following table contains annual maximum elevation for flood-profile stations. A flood-profile gage is a device which will register the peak elevation occurring between inspections. The date of the maximum elevation is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Where two or more sites on the same stream have annual peaks caused by different floods, all floods are listed for each site. The years given in the period of record represent water years for which the annual maximum has been determined.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Pearl River basin				
02491800	Bogue Chitto at Enon, LA.	Lat 30°43'10", long 90°05'00", St. Tammany Parish, at bridge on State Highway 437, 0.5 mi south of Enon.	1,107	1950-63, 1973-84	12-29-83	97.60
02492663	French Branch near Slidell, LA.	Lat 30°17'40", long 89°44'10", St. Tammany Parish, at bridge on State Highway 1092, 3.5 mi northeast of Slidell.	(#)	1966-84	4- 9-84	*10.25
		Red River basin				
07349365	Macks Bayou at Bossier City, LA.	Lat 32°31'59", long 93°40'24", Caddo Parish, at bridge on U.S. Highway 80 and 3.3 mi northeast of Bossier City Post Office.	(#)	1963-84	1984	<156.9
07349400	Flat River near Elm Grove, LA.	Lat 32°19'45", long 93°31'20", Bossier Parish at bridge on State Highway 157, and 2.2 mi southeast of Elm Grove.	112	1960-84	1984	<140.0
07349590	Ivan Lake near Cotton Valley, LA.	Lat 32°49'45", long 93°29'20", Bossier Parish, at bridge 100 ft above dam, and 4.0 mi west of Cotton Valley.	37.8	1960-84	1-10-84	200.89
07349900	Swan Lake near Elm Grove, LA.	Lat 32°16'55", long 93°27'05", Bossier Parish, at bridge on unnumbered parish road, and 7.5 mi southeast of Elm Grove.	1,020	1961-84	3- 6-84	133.83
07350300	Coushatta Bayou near Crichton, LA.	Lat 32°07'10", long 93°24'10", Red River Parish, at bridge on State Highway 515, and 1.8 mi east of Crichton.	15.9	1960-84	1984	<128.4
07350820	Sand Beach Bayou at Shreveport, LA.	Lat 32°26'35", long 93°43'27", Caddo Parish, at bridge on East 70th Street, and 4.3 mi southeast of Shreveport city hall.	(#)	1963-84	2-12-84	*38.15
07351200	Brush Bayou at Shreveport, LA.	Lat 32°26'23", long 93°46'52", Caddo Parish, at Southern Pacific Transportation Railway Company railroad bridge, and 4.9 mi southwest of Shreveport city hall.	3.4	1960-84	5- 8-84	181.48
07351300	Brush Bayou near Shreveport, LA.	Lat 32°23'25", long 93°46'15, Caddo Parish, at bridge on State Highway 526, and 2.5 mi south of Shreveport.	27.1	1960-84	5- 8-84	157.43
07352150	Saline Lake near Clarence, LA.	Lat 31°51'10", long 92°56'10", Natchitoches-Winn Parish line, 100 ft left of spillway, and 5.9 mi northeast of Clarence.	(#)	1960-84	3- 6-84	107.30
07352410	Kepler Lake near Castor, LA.	Lat 32°18'40", long 93°09'30", Bienville Parish, at dam on Kepler Lake, and 5.0 mi north of Castor.	46.2	1960-65a, 1966-84	12-10-83	178.91

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Red River basin--Continued				
07354740	Old River at Montrose, LA.	Lat 31°34'25", long 92°59'40", Natchitoches Parish, at bridge on State Highway 1 at Montrose.	471	1960-84	1984	<94.9
07354780	Cane River near Cloutierville, LA.	Lat 31°33'15", long 92°53'20", Natchitoches Parish, on left bank at south end of drainage canal and floodgates on State Highway 495, and 2.2 mi northeast of Cloutierville.	582	1960-84	1984	<94.6
07355400	Bayou Marteau near Rock Hill, LA.	Lat 31°25'30", long 92°35'50", Grant Parish, at bridge on unnumbered parish road, 2.2 mi southwest of Rock Hill, and 5.0 mi northeast of Boyce.	(#)	1960-84	2-13-84	81.81
07355475	Bayou Rapides near Alexandria, LA.	Lat 31°18'43", long 92°33'38", Rapides Parish, at bridge on Parish Road 1202, 12.2 mi upstream from mouth, and 6.9 mi west of Alexandria city hall.	(#)	1963-84	1984	<75.9
07355490	Bayou Rapides at control structure, at Alexandria, LA.	Lat 31°17'59", long 92°29'42", Rapides Parish, 100 ft north of State Highway 496, and 3.1 mi west of Alexandria city hall.	(b)	1963-84	1984	<71.3
07366270	Bayou D'Arbonne Lake west of Farmerville, LA.	Lat 32°47'07", long 92°27'25", Union Parish, on downstream side of bridge on State Highway 2, and 3.1 mi west of Farmerville.	(b)	1979-84	3- 8-84	83.52
07366365	Bayou D'Arbonne below dam, near Downsville, LA.	Lat 32°42'46", long 92°20'26", Union Parish, on downstream side of dam at left end, and 7.4 mi northeast of Downsville.	1,607	1978-84	3- 5-84	71.95
07367030	Black Bayou at West Monroe, LA.	Lat 32°29'55", long 92°08'30", Ouachita Parish, on downstream side of bridge at Interstate 20-State Highway 34 exit at West Monroe.	(#)	1978-84	3- 5-84	*37.61
07367500	Cheniere Brake near Bawcomville, LA.	Lat 32°27'10", long 92°11'29", Ouachita Parish, on downstream side of bridge on State Highway 3033, and 1.5 mi southwest of Bawcomville.	147	1944-45c, 1978-84	3- 5-84	*38.90
07367502	Cheniere Creek south of Bawcomville, LA.	Lat 32°26'22", long 92°10'20", Ouachita Parish, on downstream side of bridge on State Highway 34, and 1.5 mi south of Bawcomville.	(#)	1978-84	1984	*<33.6
07368810	Bayou Galion west of Oak Ridge, LA.	Lat 32°37'35", long 91°50'19", Morehouse Parish, on downstream side of bridge on State Highway 134, and 3.7 mi west of Oak Ridge.	(#)	1979-84	3- 5-84	*45.40
07369016	Youngs Bayou at Monroe, LA.	Lat 32°29'37", long 92°04'56", Ouachita Parish, at bridge on service road of U.S. Highway 165, and 0.3 mi south of junction with Interstate 20 at Monroe.	(#)	1978-84	3- 5-84 8-20-84	*41.48 *41.81

See footnotes at end of the table.

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Red River basin--Continued				
07369024	Youngs Bayou near Monroe, LA.	Lat 32°27'34", long 92°02'49", Ouachita Parish, at bridge on Moore Road, and 3.1 mi southeast of Monroe.	(*)	1978-84	3- 5-84 8-20-84	*41.85 *39.85
07369195	Turkey Creek near Baskin, LA.	Lat 32°14'50", long 91°40'45", Franklin Parish, at bridge on State Highway 577, and 3.7 mi east of Baskin.	(*)	1978-84	3- 5-84	*46.26
07369205	Turkey Creek at State Highway 15, at Winnsboro, LA.	Lat 32°09'15", long 91°42'42", Franklin Parish, at bridge on State Highway 15, at Winnsboro.	28.8	1975-80c, 1981-84	3- 5-84	61.73
07369253	Turkey Creek at Jigger, LA.	Lat 32°02'05", long 91°44'06", Franklin Parish, at bridge on State Highway 128, and 0.7 mi east of Jigger.	62.0	1975-84	3- 6-84	*36.04
07369300	Deer Creek near Wisner, LA.	Lat 31°57'00", long 91°39'15", Franklin Parish, at bridge on State Highway 15, and 2.0 mi south of Wisner.	27.1	1978-84	3- 6-84	*41.20
07369325	Rawson Creek near Harrisonburg, LA.	Lat 31°49'41", long 91°48'54", Catahoula Parish, at bridge on State Highway 124, and 4.2 mi north of Harrisonburg.	(*)	1978-84	3-14-84	*40.34
07369365	Bushley Bayou near Harrisonburg, LA.	Lat 31°44'36", long 91°49'41", Catahoula Parish, at bridge on State Highway 124, and 2.2 mi south of Harrisonburg.	(*)	1978-80c, 1981-84	3-14-84	50.44
07369455	Brushy Bayou at Tallulah, LA.	Lat 32°23'52", long 91°11'57", Madison Parish, at bridge on U.S. Highway 65, at Tallulah.	(*)	1975-80c, 1981-84	3- 5-84	72.97
07369457	Lower Roundaway Bayou tributary near Tallulah, LA.	Lat 32°22'33", long 91°11'57", Madison Parish, near center of bridge on U.S. Highway 65, and 1.5 mi south of Tallulah.	(*)	1975-80c, 1981-84	3- 5-84	71.78
07369460	Roundaway Bayou near Tallulah, LA.	Lat 32°23'09", long 91°12'30", Madison Parish, at bridge on State Highway 603, and 1.5 mi southwest of Tallulah.	28	1954-59a, 1978-84	3- 5-84	71.74
07369468	Panola Bayou at Tallulah, LA.	Lat 32°25'02", long 91°12'24", Madison Parish, at bridge on U.S. Highway 80, and 0.2 mi northeast of Tallulah.	(*)	1978-80c, 1981-84	3- 5-84	74.75
073732823	Bayou Cocodrie at Ferriday, LA.	Lat 31°37'33", long 91°34'37", Concordia Parish, at culvert on U.S. Highway 84, and 1.5 mi southwest of Ferriday Post Office.	(b)	1978-84	3- 6-84	*22.83
073732832	Black River Lake at Monterey, LA.	Lat 31°26'39", long 91°43'10", Concordia Parish, on left bank 0.1 mi west of State Highway 129, 0.7 mi south of Monterey, and 1.1 mi south of Monterey High School.	(*)	1978-84	5-21-84	*16.98
		Bayou Baton Rouge basin				
07373970	Baker Canal at Baker, LA.	Lat 30°35'19", long 91°10'24", East Baton Rouge Parish, at bridge on Groom Road, 0.3 mi west of Baker.	(*)	1962-84	12-11-83	64.28

See footnotes at end of the table.

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Bayou Baton Rouge basin--Continued				
07373980	Baker Canal near Baker, LA.	Lat 30°34'49", long 91°12'43", East Baton Rouge Parish, at bridge on U.S. Highway 61, 2.7 mi southwest of Baker.	(#)	1963-70 1971-84d	12-11-83	57.68
		Monte Sano Bayou basin				
07373993	Monte Sano Bayou at Ryan Airport, at Baton Rouge, LA.	Lat 30°32'08", long 91°09'32", East Baton Rouge Parish, at bridge on service road at Ryan Airport, 6.1 mi north of Baton Rouge Post Office.	(#)	1975-84	1984	(e)
07373996	Monte Sano Bayou at Baton Rouge, LA.	Lat 30°30'10", long 91°10'12", East Baton Rouge Parish, at bridge on U.S. Highway 61 at Baton Rouge.	(#)	1975-84	12-11-83	42.12
		Mississippi River Delta				
07374570	Oakes diversion channel at Slidell, LA.	Lat 30°17'35", long 89°46'00", St. Tammany Parish, at culvert on Robert Road, 0.4 mi north of Gause Blvd., at Slidell.	(#)	1966-84	4- 9-84	12.38
07377215	Little Sandy Creek near Milldale, LA.	Lat 30°42'34", long 91°01'26", East Baton Rouge Parish, at bridge on Port Hudson-Pride Road, 2.9 mi north of Milldale.	(#)	1975-84	12-11-83	*13.39
07377250	Sandy Creek near Greenwell Springs, LA.	Lat 30°36'08", long 90°59'37", East Baton Rouge Parish, at bridge on State Highway 37, 1.5 mi north of village of Greenwell Springs, LA.	(#)	1984d	12-12-83	*19.16
07377400	Comite River near Clinton, LA.	Lat 30°51'30", long 91°02'20", East Feliciana Parish, at bridge on State Highway 10, and 1.3 mi west of Clinton.	f112	1949-65a, 1969-84	12-11-83 2-13-84	<175.1 177.34
07377760	Comite River at Comite Drive, near Baton Rouge, LA.	Lat 30°33'24", long 91°05'53", East Baton Rouge Parish, at bridge 9.0 mi northeast of Baton Rouge Post Office.	(#)	1962-84	12-11-83 2-13-84	52.62 <50.6
07377780	White Bayou at State Highway 64, near Zachary, LA.	Lat 30°38'10", long 91°07'38", East Baton Rouge Parish, at bridge 1.1 mi east of Zachary.	(#)	1962-75, 1977-84	12-11-83	88.54
07377840	White Bayou near Baton Rouge, LA.	Lat 30°35'06", long 91°07'31", East Baton Rouge Parish, at bridge on Plank Road, 10.0 mi northeast of Baton Rouge Post Office.	(#)	1962-84	12-11-83	69.14
07377890	Cypress Bayou at Baker, LA.	Lat 30°34'31", long 91°10'01", East Baton Rouge Parish, at bridge on Lavey Lane, 0.2 mi east of State Highway 19 at Baker.	(#)	1967-69, 1971-84	1984	<68.0
07377900	Cypress Bayou at Plank Road, near Baton Rouge, LA.	Lat 30°32'32", long 91°08'18", East Baton Rouge Parish, at bridge 6.9 mi northeast of Baton Rouge Post Office.	(#)	1962-65, 1967-84	12-11-83	54.10
07377920	Cypress Bayou at Hooper Road, near Baton Rouge, LA.	Lat 30°31'42", long 91°06'35", East Baton Rouge Parish, at bridge 7.0 mi northeast of Baton Rouge Post Office.	(#)	1962-84	12-11-83	49.64

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07377933	Blackwater Bayou near Fred, LA.	Lat 30°35'52", long 91°04'46", East Baton Rouge Parish, at bridge on Dyer Road, 3.8 mi northeast of Baton Rouge Post Office.	(#)	1975-84	12-11-83	*12.47
07377940	Blackwater Bayou near Baton Rouge, LA.	Lat 30°32'06", long 91°04'53", East Baton Rouge Parish, at bridge on Hooper Road, 8.5 mi northeast of Baton Rouge Post Office.	14.1	1962-84	12-11-83	49.89
07378008	Hurricane Creek at Baton Rouge, LA.	Lat 30°28'55", long 91°07'41", East Baton Rouge Parish, at bridge on East Brookstown Drive, 3.9 mi northeast of Baton Rouge Post Office.	(#)	1967-84	1984	<42.9
07378010	Hurricane Creek near Baton Rouge, LA.	Lat 30°28'14", long 91°05'20", East Baton Rouge Parish, at bridge on Joor Road, 6.2 mi northeast of Baton Rouge Post Office.	(#)	1962-84	12-11-83	41.21
07378015	Roberts Canal at Baton Rouge, LA.	Lat 30°30'22", long 91°07'31", East Baton Rouge Parish, at bridge on Silverleaf Ave., 5.3 mi northeast of Baton Rouge Post Office.		1967, 1969-84	12-11-83	50.34
07378020	Roberts Canal near Baton Rouge, LA.	Lat 30°29'55", long 91°05'17", East Baton Rouge Parish, at bridge on Joor Road, 6.6 mi northeast of Baton Rouge Post Office.	(#)	1962-84	12-11-83	41.95
07378075	Beaver Bayou at Denham Road, near Baton Rouge, LA.	Lat 30°35'15", long 91°01'29", East Baton Rouge Parish, at culvert 13.7 mi northeast of Baton Rouge Post Office.	(#)	1972-84	12-11-83	*15.97
07378091	Beaver Bayou trib. at Hooper Rd near Baton Rouge, LA.	Lat 30°33'24", long 91°01'52", East Baton Rouge Parish, at culvert, 12 mi northeast of Baton Rouge Post Office.	(#)	1983-84	12-11-83	60.33
07378100	Beaver Bayou at Wax Road, near Baton Rouge, LA.	Lat 30°32'34", long 91°01'14", East Baton Rouge Parish, at culvert 11.8 mi northeast of Baton Rouge Post Office.	9.49	1972-84	12-11-83	*15.64
07378595	Jones Creek at Airline Highway, at Baton Rouge, LA.	Lat 30°27'12", long 91°05'15", East Baton Rouge Parish, at culvert 5.1 mi northeast of Baton Rouge Post Office.	(#)	1967-84	5-22-84 6-27-84	46.58 47.75
07378600	Jones Creek at Florida Blvd., at Baton Rouge, LA.	Lat 30°27'21", long 91°04'29", East Baton Rouge Parish, at bridge 6.5 mi east of Baton Rouge Post Office.	(#)	1962-84	5-22-84 6-27-84	40.50 40.96
07378635	Lively Bayou northeast of Baton Rouge, LA.	Lat 30°28'14", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 9.0 mi east of Baton Rouge Post Office.	(#)	1967-84	12-11-83 5-22-84	38.58 37.98
07378640	Lively Bayou east of Baton Rouge, LA.	Lat 30°27'40", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.9 mi east of Baton Rouge Post Office.	(#)	1967-84	12-11-83 5-22-84	35.76 35.68

See footnotes at end of the table.

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07378645	Lively Bayou southeast of Baton Rouge, LA.	Lat 30°26'47", long 91°02'04", East Baton Rouge Parish, at bridge on Flannery Road, 8.8 mi southeast of Baton Rouge Post Office.	(#)	1967-84	12-11-83 5-22-84	*30.67 *32.22
07378650	Jones Creek at Old Hammond Hwy., near Baton Rouge, LA.	Lat 30°26'26", long 91°02'40", East Baton Rouge Parish, at bridge 8.4 mi east of Baton Rouge Post Office.	(#)	1962-84	5-22-84 6-27-84	32.54 31.02
07378670	Weiner Creek near Baton Rouge, LA	Lat 30°25'08", long 91°03'55", East Baton Rouge Parish, at bridge, on Stanley Aubin Drive, 7.3 mi southeast of Baton Rouge Post Office.	(#)	1967-84	5-22-84	42.06
07378700	Jones Creek near Woodlawn School, near Baton Rouge, LA.	Lat 30°24'50", long 91°00'50", East Baton Rouge Parish, at bridge on Jones Creek Road, 1.6 mi north of Woodlawn School, and 10.5 mi east of Baton Rouge Post Office.	19.5	1967-84	5-22-84 6-27-84	20.27 20.63
07378710	Amite River near Baton Rouge, LA.	Lat 30°23'52". long 90°58'23", East Baton Rouge Parish, 0.2 mi downstream from Jones Creek, and 13.0 mi southeast of Baton Rouge Post Office.	(#)	1968-79, 1981-84	12-23-83	18.96
07378720	Clay Cut Bayou at Siegen Lane, near Baton Rouge, LA.	Lat 30°23'46", long 91°03'20", East Baton Rouge Parish, at bridge 7.9 mi southeast of Baton Rouge Post Office.	(#)	1967-84	12-11-83 5-22-84	23.87 24.41
07378725	Clay Cut Bayou near Hope Villa, LA.	Lat 30°22'23", long 90°58'10", East Baton Rouge Parish, at bridge on Tiger Bend Road, 2.3 mi northeast of Hope Villa.	(#)	1967-84	12-11-83 5-22-84	14.04 <9.4
07378780	Bayou Fountain at Ben Hur Road, at Baton Rouge, LA.	Lat 30°23'30", long 91°09'36", East Baton Rouge Parish, at bridge 4.2 mi southeast of Baton Rouge Post Office.	(#)	1962-84	1984	<17.3
07378800	Bayou Fountain at Gardere Lane, near Baton Rouge, LA.	Lat 30°21'52", long 91°07'16", East Baton Rouge Parish, at bridge 6.9 mi southeast of Baton Rouge Post Office.	(#)	1962-66, 1969-84	2-12-84 5-22-84	13.03 <11.6
07378805	Bayou Fountain tributary near Baton Rouge, LA.	Lat 30°21'00", long 91°04'54", East Baton Rouge Parish, at culvert on Highland Road, 9.1 mi southeast of Baton Rouge Post Office.	(#)	1967-84	2-11-84 5-22-84	8.72 9.08
07379000	Ward Creek at Government Street, at Baton Rouge, LA.	Lat 30°26'40", long 91°08'35", East Baton Rouge Parish, on downstream end of culvert on Government Street, and 2.4 mi east of Baton Rouge Post Office.	4.04	1954-67c, 1969-73, 1975-84d	2-26-84 6-27-84	36.96 40.05
07379010	Ward Creek at College Drive, at Baton Rouge, LA.	Lat 30°26'08", long 91°07'59", East Baton Rouge Parish, at bridge 3.5 mi southeast of Baton Rouge Post Office.	(#)	1970-84	2-26-84 6-27-84	<32.7 36.70
07379050	Ward Creek at Essen Lane, near Baton Rouge, LA.	Lat 30°24'17", long 91°06'12", East Baton Rouge Parish, at bridge 5.7 mi southeast of Baton Rouge Post Office.	(#)	1963-70, 1975-84	2-26-84 6-27-84	21.29 22.98

See footnotes at end of the table.

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Flood peak Date	Flood peak Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07379090	North Branch Ward Creek at Goodwood Blvd., at Baton Rouge, LA.	Lat 30°26'34", long 91°05'57", East Baton Rouge Parish, at bridge 5.5 mi southeast of Baton Rouge Post Office.	(*)	1968-84	6-27-84	38.03
07379100	North Branch Ward Creek at Baton Rouge, LA.	Lat 30°25'04", long 91°05'29", East Baton Rouge Parish, at bridge on Jefferson Highway, 5.9 mi southeast of Baton Rouge Office.	(*)	1962-84	1984	<28.4
07379400	Dawson Creek at Perkins Road, at Baton Rouge, LA.	Lat 30°24'37", long 91°07'53", East Baton Rouge Parish, 4.1 mi southeast of Baton Rouge Post Office.	(*)	1962-84	1984	<20.6
07379502	Corporation Canal at Oklahoma St., at Baton Rouge, LA.	Lat 30°26'05", long 91°11'12", East Baton Rouge Parish, at bridge 1.0 mi south of Baton Rouge Post Office.	.56	1971-84	11-19-83	23.54
07379503	Corporation Canal at East Roosevelt St., at Baton Rouge, LA.	Lat 30°25'18", long 91°10'36", East Baton Rouge Parish, at bridge 2.0 mi southeast of Baton Rouge Post Office.	g1.31	1971-84	11-19-83	21.66
07379505	Corporation Canal at Chimes St., at Baton Rouge, LA.	Lat 30°25'02", long 91°10'22", East Baton Rouge Parish, at bridge 2.4 mi southeast of Baton Rouge Post Office.	g1.44	1971-84	11-19-83	21.07
07379507	Corporation Canal at Campus Drive, at Baton Rouge, LA.	Lat 30°24'14", long 91°10'15", East Baton Rouge Parish, at bridge 2.7 mi southeast of Baton Rouge Post Office.	1.64	1971-84	11-19-83	17.97
07379508	Corporation Canal at Stanford Ave., at Baton Rouge, LA.	Lat 30°24'24", long 91°09'52", East Baton Rouge Parish, at culvert 3.2 mi southeast of Baton Rouge Post Office.	2.43	1971-84	11-19-83	16.24
07379550	Bayou Duplantier at Lee Drive, at Baton Rouge, LA.	Lat 30°24'05", long 91°09'09", East Baton Rouge Parish, at bridge 3.8 mi south of Baton Rouge Post Office	(*)	1962-70 1971-84d	2-12-84	16.63
07379950	Dawson Creek at Staring Lane, near Baton Rouge, LA.	Lat 30°23'19", long 91°06'42", East Baton Rouge Parish, at bridge 6.0 mi southeast of Baton Rouge Post Office.	(*)	1962-84	1984	<19.9
07380000	Ward Creek at Siegen Lane, near Baton Rouge, LA.	Lat 30°22'30", long 91°04'10", East Baton Rouge Parish, at bridge 0.5 mi downstream from Dawson Creek, and 8.5 mi southeast of Baton Rouge Post Office.	40.0	1947-53c, 1955-68a, 1972-84d	2-26-84 6-27-84	13.57 12.66
07380103	Muddy Creek at Prairieville, LA (station discontinued).	Lat 30°18'21", long 90°57'33", Ascension Parish, at bridge on unnumbered parish road, and 0.8 mi northeast of Prairieville.	(*)	1980-84	12-28-83 6-16-84	18.16 17.90
07380104	Muddy Creek tributary near Prairieville, LA (station discontinued).	Lat 30°18'24", long 90°56'51", Ascension Parish, at bridge on Tillotson Road, and 1.5 mi northeast of Prairieville.	(*)	1980-84	12-28-83 6-16-84	19.31 18.73
07380106	Muddy Creek near Oak Grove, LA (station discontinued).	Lat 30°19'44", long 90°57'15", Ascension Parish, at bridge on State Highway 42, and 1.3 mi east of Oak Grove.	(*)	1981-84	12-28-83 6-16-84	17.16 17.30

See footnotes at end of the table.

PEAK ELEVATIONS AT FLOOD-PROFILE PARTIAL-RECORD STATIONS

ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07380122	Henderson Bayou near Duplessis, LA (station discontinued).	Lat 30°18'05", long 90°54'17", Ascension Parish, at bridge on Parish Road 932, and [illegible] 6 mi northeast of Duplessis.	(#)	1981-84	12-28-83	12.29
07380123	Henderson Bayou tributary near Duplessis, LA (station discontinued).	Lat 30°17'55", long 90°54'37", Ascension Parish, at bridge on unnumbered parish road, and 2.4 mi northeast of Duplessis.	(#)	1981-84	12-28-83	16.28
07380124	Henderson Bayou tributary at Galvez, near Duplessis, La (station discontinued).	Lat 30°18'11" long 90°54'18", Ascension Parish, at bridge on Parish Road 932, 0.2 mi north of Galvez, and 3.0 mi northeast of Duplessis.	(#)	1981-84	12-28-83	11.94
07380125	Henderson Bayou tributary No. 2 near Duplessis, LA (station discontinued).	Lat 30°17'55", long 90°53'55", Ascension Parish, at bridge on unnumbered parish road, and 3.2 mi northeast of Duplessis.	(#)	1981-84	12-28-83	11.30
07380126	Henderson Bayou near Port Vincent, LA (station discontinued).	Lat 30°17'50", long 90°53'01", Ascension Parish, at bridge on Henderson River Road, and 3.1 mi southwest of Port Vincent.	(#)	1981-84d	12-28-83	*16.24
07380223	New River at Gonzales, LA.	Lat 30°14'12", long 90°54'43", Ascension Parish, at bridge on U.S. Highway 61, 0.5 mi northeast of Gonzales water tower.	(#)	1963-84	2-27-84	8.12
073802238	Black Bayou near Prairieville, LA (station discontinued).	Lat 30°17'55", long 90°56'16", Ascension Parish, at bridge on unnumbered parish road, and 2.0 mi east of Prairieville.	(#)	1980-84	12-28-83	16.43
073802239	Black Bayou northeast of Duplessis, LA (station discontinued).	Lat 30°17'03", long 90°55'34", Ascension Parish, at bridge on Parish Road 931, and 1.2 mi northeast of Duplessis.	(#)	1980-84	12-28-83	13.26
07380224	Black Bayou near Duplessis, LA (station discontinued).	Lat 30°16'36", long 90°55'16", Ascension Parish, at bridge on State Highway 44, and 1.2 mi northeast of Duplessis.	(#)	1965-70c, 1981-84	12-28-83	11.24
07380226	Bayou Francois near Gonzales, LA.	Lat 30°13'57", long 90°56'49", Ascension Parish, at bridge on State Highway 429, 1.8 mi west of Gonzales water tower.	(#)	1963-84	1984	<6.5
07380227	Bayou Francois at Gonzales, LA.	Lat 30°13'35", long 90°55'14", Ascension Parish, at bridge on State Highway 44, 0.4 mi southwest of Gonzales water tower.	(#)	1963-84	1984	<7.4
07382256	Bayou Rapides-Boeuf-Cocodrie diversion channel at Alexandria, LA.	Lat 30°17'43", long 92°29'38", Rapides Parish, at bridge on State Highway 28, and 3.2 mi west of Alexandria city hall.	(b)	1963-84	6- 6-84	75.06
07382257	Bayou Rapides-Boeuf-Cocodrie diversion channel at State Highway 488, near Alexandria, LA.	Lat 31°15'37", long 92°31'13", Rapides Parish, at bridge and 5.7 mi southwest of Alexandria city hall.	(b)	1963-84	6- 6-84	69.99

See footnotes at end of the table.

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ANNUAL MAXIMUM ELEVATION AT FLOOD-PROFILE PARTIAL-RECORD STATIONS DURING WATER YEAR 1984--Continued

Station No.	Station name	Location	Drainage area (mi²)	Period of record	Flood peak	
					Date	Elevation, in feet (NGVD)
		Mississippi River Delta--Continued				
07382258	Bayou Rapides-Boeuf-Cocodrie diversion channel at U.S. Highway 165, near Alexandria, LA.	Lat 31°13'39", long 92°29'49" Rapides Parish, at bridge 6.5 mi southwest of Alexandria city hall.	(b)	1963-84	1984	<69.2
07382700	Bayou Carron at Washington, LA.	Lat 30°36'55", long 92°03'50", St. Landry Parish, at bridge on State Highway 10 at Washington.	82.6	1973-84	2-23-84	*43.13
07382840	Hynson Bayou at Bringhurst Park, at Alexandria, LA.	Lat 31°17'19", long 92°27'16", Rapides Parish, on right bank just below bridge on Masonic Drive, and 1.7 mi south of Alexandria city hall.	(#)	1963-84	6- 6-84	75.86
07382850	Horseshoe Drainage Canal at Packing House Road, at Alexandria, LA.	Lat 31°16'25", long 92°26'15", Rapides Parish, at bridge 2.6 mi south of Alexandria city hall.	(#)	1960-84	6- 6-84	71.17
07382855	Hynson Bayou at Midway St., at Alexandria, LA.	Lat 31°16'15", long 92°25'22", Rapides Parish, at bridge 3.1 mi southeast of Alexandria, city hall.	(#)	1963-84	6- 6-84	70.90
07382865	Persimmon Bayou near Alexandria, LA.	Lat 31°13'45", long 92°22'51", Rapides Parish, at Texas and Pacific Railway bridge, just downstream from State Highway 1, and 6.7 mi southeast of Alexandria city hall.	(#)	1963-84	6- 7-84	67.79
		Mermentau River basin				
08011000	Bayou Plaquemine Brule near Crowley, LA.	Lat 30°14'09", long 92°23'44", Acadia Parish, at bridge on State Highway 100, and 1.8 mi northwest of Crowley.	254	1943-47c, 1966-74, 1975-79d, 1980-84	1984	*<9.39
08012431	East Bayou Lacassine at Welsh, LA.	Lat 30°13'50", long 92°49'15", Jefferson Davis Parish, at bridge on unnumbered parish road, 0.6 mi south of Welsh.	(#)	1979-84	5-23-84	*17.19
08012436	Bayou Grand Marais near Jennings, LA.	Lat 30°13'53", long 92°41'25", Jefferson Davis Parish, at bridge on U.S. Highway 90, and 2.0 mi west of Jennings.	(#)	1979-84	5-23-84	*13.78
08012445	Bayou Chene near Welsh, LA.	Lat 30°09'24", long 92°46'06", Jefferson Davis Parish, at bridge on unnumbered parish road, 6.0 mi southeast of Welsh.	106	1969-84	5-23-84	*18.48
		Sabine River basin				
08025700	Sandy Creek near Burr Ferry, LA.	Lat 31°08'30", long 93°31'10", Vernon Parish, at bridge on State Highway 111, and 5.3 mi northeast of Burr Ferry.	33.7	1964-84	2-13-84	114.42

* Gage datum, NGVD of gage not determined.
# Drainage area not determined.
a Operated as a crest-stage partial-record station.
b Drainage area indeterminate.
c Operated as a continuous-record gaging station.
d Continuous water-stage recorder.
e Missing record.
f Including Pretty Creek.
g Approximately.

PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 1984

Stream	Tributary to	Location	Drainage area (mi²)	Measured previously (water years)	Measurements Date	Measurements Discharge (ft³/s)
		Red River Basin				
Kelly Bayou	Red River	Lat 32°51'25", long 93°52'30", Caddo on U.S. Highway 71, 0.4 mi downstream from Willow Lake lateral, 2.0 mi south of Hosston, and 2.7 mi upstream from mouth.	116	1944-69	3- 6-84	935
Little River	Black River	Lat 31°34'50", long 92°18'35", on line between La Salle and Grant Parishes, at bridge on State Highway 8, 0.7 mi downstream from Trout Creek, and 7.0 mi northeast of Pollock, LA.	2,254	1952-54, 1961-62, 1964-67, 1969, 1971, 1977, 1982-83	10-11-83	63.3
					11-17-83	19.2
					12-12-83	9,180
					1- 9-84	1,400
					2-13-84	21,400
					3-13-84	20,900
					4-16-84	6,040
					5- 7-84	1,230
					6-12-84	2,570
					8-13-84	1,240
					9-10-84	101
		Mississippi River Delta				
Tangipahoa River	Lake Pontchartrain	Lat 30°46'30", long 90°29'53", Tangipahoa Parish, at bridge on State Highway 10, and 0.7 mi east of Arcola, LA.	381	1969a, 1982a, 1983a	10-11-83	317
					5-21-84	286
					7-11-84	262
Amite River	Lake Maurepas	Lat 30°44'10", long 90°50'30", East Feliciana-St. Helena Parish line, at bridge on State Highway 37, and 0.5 mi southwest of Grangeville, LA.	741	1951-63b, 1964-77c, 1982a, 1983a	10-11-83	378
Amite River	Lake Maurepas	Lat 30°19'57", long 90°51'07" Livingston Parish, at bridge on State Highway 42 at Port Vincent, LA, and 0.5 mi downstream from Grays Creek.	1 596	1951a, 1982a	2-15-84	12,800
					2-16-84	15,200
					2-17-84	12,900
					2-21-84	4,420
					7-18-84	1,870
Bayou Cocodrie	Bayou Courtableau	Lat 30°51'26", long 92°15'31", at bridge on State Highway 106, 0.2 mi south of St. Landry, LA.	(*)	1970, 1982-83	10- 5-83	150
					12-12-83	919
					2-11-84	398
					4-27-84	277
					7-19-84	261
Bayou Teche	Gulf of Mexico	Lat 30°33'30", long 91°57'28", St. Landry Parish, at bridge on parish road at Port Barre, LA and 0.2 mi downstream from Bayou Courtableau.	(*)		4-17-84	901
					4-26-84	875
					5- 8-84	874
					5-22-84	951
					5-25-84	907
		Mermentau River Basin				
Bayou Nezpique	Mermentau River	Lat 30°35'00", long 92°35'53", Evangeline Parish, at bridge on State Highway 104, 7.2 mi north of Basile, LA.	(*)	1981-83	12-30-83	837
					3-15-84	97
					4-17-84	44
					6- 2-84	95
					9-11-84	1.3
		Calcasieu River Basin				
Calcasieu River	Gulf of Mexico	Lat 30°49'20", long 92°41'04", at bridge on State Highway 10, 1.4 mi northeast of junction of U.S. Highway 165 and State Highway 10 in Oakdale, LA.	(*)	1953, 1982-83	10- 4-83	88
					12-30-83	1,340
					2- 1-84	2,680
					3- 9-84	1,990
					4-19-84	398
					6-11-84	3,700
					9-11-84	19.6

See footnotes at end of table.

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DISCHARGE MEASUREMENTS MADE AT MISCELLANEOUS SITES DURING WATER YEAR 1984--Continued

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements	
					Date	Discharge (ft^3/s)
		Sabine River Basin				
Bayou San Patricio	Sabine River	Lat 31°55'47", long 93°38'18", De Soto Parish, at bridge on unnumbered parish road, 1.0 mi northwest of Oxford, LA.	30.9	1978-83	7- 3-84	.01
Negreet Creek	Sabine River	Lat 31°27'56", long 93°34'40", Sabine Parish, at bridge on State Highway 191, 0.4 mi southwest of Negreet, LA.	(#)	1978-83	11- 9-83 4- 6-84	2.23 5.05
Negreet Tributary No. 3	Tributary to Negreet Creek	Lat 31°28'01", long 93°35'14", Sabine Parish, at culvert on State Highway 191, 0.8 mi southwest of Negreet, LA.	(#)	1978-83	11- 9-83 4- 6-84	d 0 .14

# Drainage area not determined.
a Unpublished records on file in district office.
b Not previously published.
c Operated as a flood-profile partial-record station.
d Base flow.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

310552091361200 MISSISSIPPI RIVER (COOCHIE) NEAR BLACK HAWK, LA (CE 01020)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	STREAMFLOW, INSTANTANEOUS (CFS)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
04...	344000	190	176000	97
18...	329000	145	129000	99
NOV				
02...	318000	205	176000	91
16...	372000	174	175000	92
29...	543000	408	599000	92

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

RED RIVER BASIN

310408091424500 RED RIVER ABOVE OLD RIVER OUTFLOW CHANNEL, ABOVE SIMMESPORT, LA (CE 04800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DATE	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT				
07...	10000	62	1680	93
21...	32000	132	11400	96
NOV				
04...	16000	119	5140	92
19...	42000	298	33800	99
DEC				
02...	137000	1400	516000	77
16...	185000	1050	523000	70
JAN				
12...	203000	428	235000	54
26...	210000	2830	1610000	19
FEB				
09...	217000	2850	1670000	35
MAR				
09...	186000	814	409000	55
23...	146000	422	166000	66
APR				
06...	130000	802	281000	95
20...	92000	135	33400	95
JUN				
24...	147000	175	69500	70
JUL				
14...	78000	508	107000	98
20...	43000	227	26300	100
AUG				
11...	20000	97	5250	100
25...	13000	69	2410	100
SEP				
14...	17000	76	3480	[illegible]

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
04...	1440	26.5	540
NOV			
03...	1500	22.0	460
15...	1417	19.0	340
18...	1243	19.0	240
28...	1345	17.0	46
29...	1355	16.0	36
30...	1429	16.0	26
DEC			
02...	1225	16.0	33
06...	1051	15.0	32
07...	1449	14.0	33
08...	1500	14.0	31
09...	1311	14.0	30
12...	1502	13.0	25
13...	1240	13.0	24
15...	1358	12.0	24
16...	1332	13.0	20
20...	1407	11.0	20
21...	1225	11.0	19
23...	1209	10.0	18
27...	1134	8.0	19
28...	1129	8.0	18
29...	1409	6.0	19
30...	1356	5.0	17
31...	1403	6.0	18
JAN			
03...	1343	5.0	20
05...	1500	5.0	18
06...	1253	5.0	19
10...	1245	5.0	21
12...	1000	5.0	22
13...	1034	5.0	19
16...	1314	6.0	20
17...	1400	6.5	20
18...	1208	6.5	20
23...	1337	7.0	25
24...	1355	6.5	25
25...	1411	6.0	23
FEB			
03...	1433	7.0	26
06...	1417	6.0	25
07...	1336	7.0	33
08...	1355	7.0	19
09...	1228	8.0	20
10...	1225	8.0	25
13...	1316	9.0	31
14...	0738	9.0	20
15...	1345	9.0	27
16...	1257	9.0	29
17...	1324	9.5	27
21...	1432	10.0	24
22...	1400	11.0	24
23...	1308	11.0	30
24...	1319	12.0	48
27...	1220	11.0	31
28...	1506	11.0	20
29...	1325	11.0	26

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

LOWER MISSISSIPPI RIVER DELTA

291620089210200 MISSISSIPPI RIVER AT THE JUMP, AT VENICE, LA (CE 01500)--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
MAR			
01...	1445	12.0	22
02...	1445	11.0	24
12...	1334	11.0	22
13...	1406	11.0	38
14...	1459	11.0	28
15...	1214	11.0	28
16...	1306	11.0	28
19...	1227	12.0	27
20...	1513	12.0	26
21...	1436	13.0	22
22...	1505	12.0	25
23...	1527	13.0	25
26...	1453	13.0	22
28...	1130	13.0	22
29...	1439	13.0	20
30...	1406	13.0	29
APR			
02...	1513	12.0	24
03...	1228	12.0	24
05...	1400	13.0	24
06...	1500	13.0	24
09...	1430	14.0	24
10...	1333	14.0	26
11...	1424	14.0	29
12...	1443	14.0	30
13...	1505	15.0	19
17...	1347	16.0	22
27...	0952	18.0	24
30...	1255	18.0	24
MAY			
01...	0747	18.0	23
03...	1114	19.0	24
04...	0814	19.0	25
07...	1511	20.0	21
10...	1513	21.0	19
11...	1505	21.0	18
14...	0900	21.0	19
15...	1510	21.0	19
16...	1302	21.0	19
17...	1427	21.0	18
18...	1257	21.0	16
22...	1445	22.0	14
25...	1341	22.0	14
29...	1240	23.0	13
30...	1352	23.0	13

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07381468 BAYOU BOEUF AT U.S. HIGHWAY 190, AT AMELIA, LA (CE 52800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
03...	0800	25.0	22
17...	0805	28.0	48
31...	0820	21.5	37
NOV			
14...	0800	18.0	44
21...	1245	18.0	50
28...	0750	16.0	48
DEC			
05...	1315	19.0	32
12...	1300	16.0	28
19...	1115	14.0	22
22...	0820	9.5	18
29...	1230	6.0	21
JAN			
09...	0740	11.0	26
16...	1310	10.0	20
23...	0810	6.5	20
30...	1220	12.0	20
FEB			
06...	0830	8.0	19
13...	1230	6.5	25
27...	1315	14.0	18
MAR			
19...	0745	17.0	22
26...	1105	19.0	23
APR			
02...	1005	18.0	17
09...	--	17.0	20
16...	1145	19.0	22
MAY			
23...	1215	24.0	25
26...	1030	26.0	17
JUN			
01...	1125	25.0	26
18...	1220	27.0	22
25...	1005	28.0	20
JUL			
05...	1130	27.0	20
09...	1120	28.0	22
16...	1200	28.0	22
23...	0820	28.0	23
30...	1300	29.0	20
AUG			
06...	1005	27.0	21
13...	1235	29.0	21
20...	1010	29.0	22
27...	1200	25.0	22
SEP			
24...	1200	26.0	1400

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

07385800 BAYOU TECHE NEAR FRANKLIN, LA (CE 64543)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
05...	0845	25.5	33
11...	1010	26.0	36
19...	0915	22.0	34
NOV			
01...	0905	22.0	38
09...	0855	19.5	60
17...	0850	15.5	70
23...	0830	20.0	59
30...	0830	14.0	49
DEC			
07...	0825	15.5	58
20...	0900	10.0	10
28...	0845	8.5	26
JAN			
03...	0950	5.5	18
11...	0850	7.0	21
18...	0836	7.0	20
FEB			
08...	0850	6.0	24
14...	1055	12.0	23
22...	0845	13.0	24
28...	0955	10.0	22
MAR			
07...	0810	11.0	19
13...	1020	14.0	22
21...	0910	17.0	22
27...	0930	19.0	21
APR			
03...	0930	19.0	25
11...	--	20.0	24
18...	0855	17.0	24
MAY			
02...	1105	23.0	23
09...	0835	21.0	27
25...	0845	26.0	26
31...	0845	23.0	24
JUN			
03...	0820	26.0	24
05...	0955	24.0	21
11...	1005	26.0	21
20...	0930	28.0	21
JUL			
03...	0950	27.0	31
11...	0830	28.0	22
17...	1145	28.0	26
25...	0840	28.0	26
31...	1010	29.0	23
AUG			
08...	0900	28.0	24
AUG			
15...	1030	29.0	25
22...	0840	29.0	31
SEP			
05...	0845	27.0	25
14...	1120	30.0	30
25...	0845	28.0	27

MISSISSIPPI RIVER DELTA

07385900 BAYOU TECHE NEAR PATTERSON, LA (CE 64800)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
04...	0848	26.5	21
11...	0810	26.0	25
18...	0910	25.0	24
25...	0810	--	27
NOV			
01...	0915	23.0	26
08...	0815	21.5	33
16...	0900	19.0	30
22...	0825	20.0	41
29...	0900	17.0	46
30...	0800	16.0	35
DEC			
06...	0840	17.0	46
13...	1330	17.0	36
20...	0900	13.0	27
27...	0900	10.0	43
JAN			
03...	0830	8.0	18
10...	0840	11.0	47
17...	0840	10.0	42
21...	0900	14.5	46
24...	0855	9.5	24
31...	0900	9.5	38
FEB			
07...	0915	9.0	38
14...	0820	14.0	24
28...	0855	14.0	25
MAR			
06...	0840	15.0	27
13...	0855	16.0	26
20...	0900	19.0	28
27...	0840	20.0	31
APR			
18...	0805	21.0	31
MAY			
24...	0915	25.0	29
31...	0810	26.0	23
JUN			
05...	0855	27.0	29
11...	0845	27.0	33
19...	0850	29.0	30
26...	0830	30.0	29
JUL			
03...	0845	28.0	27
10...	0905	30.0	28
17...	0925	29.0	28
24...	0835	29.0	28
31...	0855	29.0	22
AUG			
07...	0915	29.0	21
14...	0855	29.0	23
21...	0855	29.0	22
28...	0900	29.0	23
SEP			
04...	0900	29.0	26
11...	0810	29.0	26
18...	0900	27.0	24

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

294508091234100 BAYOU TECHE AT VERDUNVILLE, LA (CE 64563)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
04...	1010	27.0	34
11...	0905	25.0	38
18...	1020	24.0	30
25...	0900	--	29
NOV			
01...	1035	21.0	39
08...	0910	20.0	64
16...	1015	16.5	79
22...	0905	17.5	57
29...	1005	14.0	49
DEC			
06...	0925	17.0	39
20...	0935	11.0	16
27...	1000	6.0	15
JAN			
03...	0905	5.0	19
10...	0950	8.0	18
17...	0920	5.5	17
24...	1000	6.0	20
31...	0945	6.5	25
FEB			
07...	1030	6.0	24
14...	1000	14.0	22
21...	1020	12.5	26
28...	0925	12.0	18
MAR			
06...	1000	13.5	20
13...	0950	14.0	24
20...	1005	15.0	18
27...	0920	19.0	24
APR			
11...	1155	17.0	24
18...	0830	16.0	17
24...	0905	21.0	23
MAY			
24...	1000	26.0	22
30...	0945	25.0	19
31...	0915	28.0	25
JUN			
05...	0930	27.0	22
11...	0955	26.0	20
19...	0930	29.0	20
25...	0930	30.0	22
JUL			
03...	0935	27.0	20
10...	1010	30.0	22
17...	1110	28.0	27
24...	0950	28.0	25
31...	0945	29.0	22
AUG			
07...	1020	27.0	22
14...	0930	28.0	23
20...	1000	29.0	31
28...	0945	28.0	33
SEP			
04...	1000	28.0	27
11...	0900	29.0	31
18...	0905	26.0	36
25...	0935	27.0	44

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

MISSISSIPPI RIVER DELTA

293827091192200 INTRACOASTAL WATERWAY AT WAX LAKE (EAST) CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76440)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT			
11...	1145	26.0	40
25...	1035	26.0	39
NOV			
02...	1130	22.0	44
09...	1235	20.0	65
16...	1145	17.5	78
22...	1025	18.5	58
29...	1155	18.5	52
DEC			
07...	1250	14.5	21
20...	1145	8.5	18
28...	1120	7.0	22
JAN			
03...	1310	5.0	23
10...	1055	5.0	22
17...	1015	7.0	20
24...	1150	5.5	29
31...	1105	6.5	26
FEB			
07...	1200	6.0	26
14...	1345	14.5	24
21...	1205	12.0	32
28...	1315	10.5	21
MAR			
06...	1150	10.0	24
13...	1350	18.5	24
20...	1135	14.0	25
27...	1230	--	20
APR			
17...	1125	19.0	24
24...	1050	20.0	22
MAY			
01...	1200	20.0	25
08...	1030	22.0	23
15...	1130	25.0	20
24...	1115	22.0	20
31...	1115	22.5	18
JUN			
05...	1330	25.0	13
19...	0950	26.5	19
JUL			
03...	1110	26.5	25
10...	1220	29.0	20
17...	1345	27.0	23
24...	1135	29.0	21
31...	1200	29.0	22
AUG			
07...	1130	28.0	[illegible]
14...	1006	29.0	31
AUG			
28...	1130	29.0	36
SEP			
04...	1125	29.0	26
11...	1050	29.0	29
18...	1245	25.0	36

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MISSISSIPPI RIVER DELTA

294022091265500 WAX LAKE (WEST) DRAINAGE AREA AT CONTROL STRUCTURE, NEAR PATTERSON, LA (CE 76520)

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER- ATURE (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT			
04...	1105	27.0	34
11...	1050	26.0	37
18...	1110	28.0	36
25...	0935	--	35
NOV			
01...	1125	21.0	38
08...	0955	19.0	65
16...	1100	16.0	76
22...	0945	17.0	58
29...	1105	14.0	48
DEC			
06...	1000	14.0	24
14...	0955	10.0	18
20...	1005	9.0	13
27...	1015	6.0	16
JAN			
03...	1205	4.0	19
10...	1045	4.0	26
24...	1045	5.0	20
31...	1030	6.5	24
FEB			
05...	1150	10.0	25
07...	1120	5.5	25
21...	1100	12.0	23
28...	1230	11.0	22
MAR			
06...	1105	9.5	24
13...	1300	16.0	25
20...	1100	13.0	24
27...	1140	15.0	21
APR			
11...	1135	16.0	20
14...	1045	16.0	24
MAY			
24...	1045	22.5	22
31...	1030	23.0	19
JUN			
05...	1230	24.0	15
11...	1300	25.0	16
19...	1000	26.5	19
JUL			
03...	1030	28.0	35
10...	1145	29.0	19
17...	1225	28.0	22
24...	1055	29.0	18
31...	1105	29.0	22
AUG			
07...	1100	28.0	26
14...	1030	29.0	26
AUG			
20...	1045	29.0	31
28...	1055	29.0	28
SEP			
04...	1055	28.0	25
11...	0955	29.0	39
18...	1135	25.0	37

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ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

CALCASIEU RIVER BASIN

08017016 HOUSTON RIVER EAST OF BUHLER, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SAMPLING DEPTH (FEET)	SPECIFIC CONDUCTANCE (UMHOS)
OCT			
17...	1100	1.0	126
17...	1105	10	78
17...	1110	20	73
NOV			
21...	1015	1.0	2990
21...	1020	10	3700
21...	1025	20	7100
DEC			
08...	1115	1.0	138
08...	1120	10	155
08...	1125	20	251
JAN			
20...	0930	1.0	54
20...	0935	10	54
20...	0940	20	54
FEB			
07...	1210	1.0	66
07...	1215	10	68
07...	1220	20	67
MAR			
22...	1135	1.0	71
22...	1140	10	72
22...	1145	20	75
APR			
12...	1045	1.0	62
12...	1050	10	62
12...	1055	20	62
MAY			
14...	0820	1.0	90
14...	0825	10	68
14...	0830	20	70
JUN			
11...	1055	1.0	74
11...	1100	10	73
11...	1105	20	72
JUL			
12...	0935	1.0	98
12...	0940	10	88
12...	0945	20	102
AUG			
16...	0900	1.0	80
16...	0905	10	595
16...	0910	20	934
SEP			
12...	1030	1.0	515
12...	1035	10	3030
12...	1040	20	8450

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY

The following water-quality sites were sampled as part of an ongoing basic-data study on the Barataria Unit of the Jean Lafitte National Historical Park, in cooperation with the National Park Service.

294702090064300 BAYOU DES FAMILLES AT CHRISTMAS ROAD (SITE 7), NEAR CROWN POINT, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1200	608	6.2	16.0	120	15	1.5	7.5	200	800
NOV 29...	1525	596	6.6	13.5	50	2.0	2.4	3.7	200	980
JAN 05...	1300	634	6.2	8.0	60	3.0	1.0	8.6	K20	400
APR 16...	1500	606	7.0	22.5	70	3.0	5.0	4.6	52	K32
JUN 28...	1250	1080	6.8	27.5	50	8.0	1.3	5.4	440	260
AUG 28...	1610	560	7.0	31.0	70	1.0	2.8	3.7	K34	K65

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)
OCT 27...	120	30	12	59	6.3	98	19	100
NOV 29...	--	--	--	--	--	89	--	--
JAN 05...	--	--	--	--	--	88	--	--
APR 16...	120	31	11	69	3.6	104	3.0	120
JUN 28...	--	--	--	--	--	109	--	--
AUG 28...	100	25	10	66	1.8	79	5.4	120

DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 27...	.3	7.7	325	292	<.10	.37	1.4	1.2
NOV 29...	--	--	--	--	<.10	.18	1.9	.42
JAN 05...	--	--	--	--	<.10	.57	1.6	.61
APR 16...	.2	8.2	362	308	<.10	.08	2.6	.62
JUN 28...	--	--	--	--	<.10	.28	1.3	.87
AUG 28...	.2	8.8	353	285	<.10	.10	.80	.44

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294539090084500 BAYOU SEGNETTE (SITE 3) NEAR BARATARIA, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	BERYLLIUM, DISSOLVED (UG/L AS BE)	BERYLLIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)
APR 16...	1	3	<.5	<10	1	<1	<10	30	2	20	25

DATE	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY DISSOLVED (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	NICKEL, DISSOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOTTOM MATERIAL (UG/G AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SELENIUM, TOTAL IN BOTTOM MATERIAL (UG/G)	ZINC, DISSOLVED (UG/L AS ZN)
APR 16...	1	30	16	430	<.1	<.01	3	30	<1	<1	4

DATE	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)
APR 16...	60	<.1	7	<.1	<1	<.01	<.1	<.1	13	<.01	<.1

DATE	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)
APR 16...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
APR 16...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATERIL (UG/KG)
APR 16...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1	<1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
APR 16...	<.01	<.1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294539090084500 BAYOU SEGNETTE (SITE 3) NEAR BARATARIA, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1130	745	6.9	19.0	30	50	7.4	1.5	64	1600
NOV 29...	1110	1290	6.5	14.0	100	2.0	4.7	4.3	460	1500
JAN 05...	1100	1340	6.3	9.5	80	15	7.1	3.2	200	540
APR 16...	1205	846	8.7	23.0	50	20	7.5	2.9	80	K40
JUN 28...	1130	2900	7.6	29.5	50	4.0	7.2	5.6	K45	70
AUG 28...	1140	2330	7.7	32.5	50	9.0	8.0	4.3	<2	34

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
OCT 27...	92	17	12	100	4.3	48	33	170	.2	5.8
NOV 29...	--	--	--	--	--	63	--	--	--	--
JAN 05...	--	--	--	--	--	64	--	--	--	--
APR 16...	--	--	--	--	--	69	--	--	--	--
JUN 28...	--	--	--	--	--	83	--	--	--	--
AUG 28...	260	38	40	380	11	85	76	680	.2	4.7

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITROGEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 27...	395	371	--	.4	.08	--	--	.6	.11
NOV 29...	--	--	--	<.1	.13	--	--	2.0	.12
JAN 05...	--	--	--	.43	.38	--	--	1.5	.14
APR 16...	--	--	194000	<.1	.06	290	36000	2.5	.14
JUN 28...	--	--	--	<.1	.19	--	--	1.4	.29
AUG 28...	1330	1280	--	<.1	.07	--	--	1.1	.28

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

295202090093200 BAYOU SEGNETTE (SITE 4) 2.9 MILES SOUTH OF WESTWEGO, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1015	1040	7.2	18.5	60	5.0	6.6	3.6	K180	1300
NOV 29...	0950	1110	6.9	15.5	60	15	3.5	3.1	K85	1400
JAN 05...	0950	937	6.2	9.5	80	15	5.4	2.6	110	260
APR 16...	1015	1120	9.1	22.0	60	20	7.1	6.7	K24	370
JUN 28...	1023	1500	7.4	29.0	40	5.0	4.8	4.4	K38	130
AUG 28...	1400	1370	7.6	31.[illegible]	60	6.0	6.0	5.4	K9	120

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
OCT 27...	190	50	17	140	5.7	146	84	190	.3	10
NOV 29...	--	--	--	--	--	135	--	--	--	--
JAN 05...	--	--	--	--	--	88	--	--	--	--
APR 16...	200	49	18	140	4.9	129	91	210	.20	<.01
JUN 28...	--	--	--	--	--	136	--	--	--	--
AUG 28...	210	51	20	190	5.0	139	62	300	.30	13

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 27...	601	585	.66	.34	1.5	.11
NOV 29...	--	--	.60	.57	1.4	.57
JAN 05...	--	--	6.0	.84	2.6	.32
APR 16...	770	--	<.10	.01	2.9	.46
JUN 28...	--	--	.27	1.5	2.5	1.4
AUG 28...	782	724	.11	.29	1.3	.96

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294957090095300 BAYOU SEGNETTE (SITE 1) 4.6 MILES SOUTH OF WESTWEGO, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1110	1200	6.9	18.5	50	4.0	8.0	2.6	44	500
NOV 29...	1100	1080	6.9	15.0	60	5.0	3.8	3.1	840	880
JAN 05...	1040	909	6.5	10.0	70	15	7.2	2.3	120	200
APR 16...	1145	884	9.0	22.0	50	15	11.1	6.2	120	120
JUN 28...	1120	1920	7.4	28.5	60	3.0	5.4	5.0	100	140
AUG 28...	1315	1630	8.2	32.5	50	4.0	9.5	6.7	K40	K26

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
OCT 27...	130	21	20	180	7.0	63	45	310	.2	5.2
NOV 29...	--	--	--	--	--	100	--	--	--	--
JAN 05...	--	--	--	--	--	80	--	--	[illegible]	--
APR 16...	--	--	--	--	--	82	--	--	--	--
JUN 28...	--	--	--	--	--	98	--	--	--	--
AUG 28...	220	45	27	200	7.1	141	54	310	.3	10

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITROGEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 27...	678	626	--	<.10	.02	--	--	1.7	.17
NOV 29...	--	--	--	.15	.86	--	--	2.3	.46
JAN 05...	--	--	--	2.7	.73	--	--	2.1	.36
APR 16...	--	--	25000	<.10	.03	71	19000	4.1	.25
JUN 28...	--	--	--	.17	.71	--	--	1.3	.68
AUG 28...	898	738	--	.14	1.2	--	--	1.9	1.4

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	BERYLLIUM, DISSOLVED (UG/L AS BE)	BERYLLIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)
APR 16...	1	2	<.5	<10	<1	<1	<10	10	3	9	35

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294957090095300 BAYOU SEGNETTE (SITE 1) 4.6 MILES SOUTH OF WESTWEGO, LA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	LEAD, DIS-SOLVED (UG/L AS PB)	LEAD, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, RECOV. FM BOT-TOM MA-TERIAL (UG/G)	MERCURY DIS-SOLVED (UG/L AS HG)	MERCURY RECOV. FM BOT-TOM MA-TERIAL (UG/G AS HG)	NICKEL, DIS-SOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SELE-NIUM, TOTAL IN BOT-TOM MA-TERIAL (UG/G)	ZINC, DIS-SOLVED (UG/L AS ZN)
APR 16...	1	20	3	380	.1	<.01	5	10	<1	<1	14

DATE	ZINC, RECOV. FM BOT-TOM MA-TERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	NAPH-THA-LENES, POLY-CHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	CHLOR-DANE, TOTAL (UG/L)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
APR 16...	30	<.1	14	<.1	<1	<.01	<.1	<.1	29	<.01	<.1

DATE	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	DI-ELDRIN TOTAL (UG/L)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDO-SULFAN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)
APR 16...	<.01	<.1	<.01	<.1	.02	<.1	<.01	<.1	<.01	<.1	<.01

DATE	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	MALA-THION, TOTAL (UG/L)	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)
APR 16...	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METH-OXY-CHLOR, TOTAL (UG/L)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARA-THION, TOTAL (UG/L)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRI-THION, TOTAL (UG/L)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	PER-THANE TOTAL (UG/L)	PER-THANE IN BOTTOM MATL. (UG/KG)
APR 16...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1	<1

DATE	PARA-THION, TOTAL (UG/L)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOX-APHENE, TOTAL (UG/L)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	TOTAL TRI-THION (UG/L)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
APR 16...	<.01	<.1	<1	<10	<.01	<.1	.02	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294844090073900 KENTA CANAL (SITE 2) NORTHWEST OF CROWN POINT, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPECIFIC CONDUCTANCE (UMHOS)	PH (STANDARD UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1100	1040	6.3	20.0	100	1.0	1.4	1.4	50	840
JAN 05...	1130	884	6.0	8.5	100	20	3.7	2.7	K30	440
APR 16...	1300	839	8.1	26.0	120	4.0	8.2	--	K14	K60
JUN 28...	1107	1490	6.9	27.5	100	2.0	1.9	3.9	46	160
AUG 28...	1230	1270	7.0	32.0	120	1.0	2.9	2.7	K2	K20

DATE	HARDNESS (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	POTASSIUM, DISSOLVED (MG/L AS K)	ALKALINITY FIELD (MG/L AS CACO3)	SULFATE DISSOLVED (MG/L AS SO4)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
OCT 27...	120	20	16	150	4.8	64	24	260	.2	7.7
JAN 05...	--	--	--	--	--	49	--	--	--	--
APR 16...	--	--	--	--	--	75	--	--	--	--
JUN 28...	--	--	--	--	--	71	--	--	--	--
AUG 28...	130	22	19	170	3.2	65	8.4	290	.2	8.1

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, VOLATILE IN BOTTOM MATERIAL (MG/KG)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN,NH4 TOTAL IN BOT. MAT. (MG/KG AS N)	NITROGEN,NH4 + ORG. TOT IN BOT MAT (MG/KG AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)
OCT 27...	577	521	--	<.1	.09	--	--	1.3	.14
JAN 05...	--	--	--	.17	.34	--	--	1.4	.18
APR 16...	--	--	228000	<.1	.05	150	32000	1.7	.29
JUN 28...	--	--	--	<.1	.14	--	--	1.0	.13
AUG 28...	719	560	--	<.10	.05	--	--	1.0	.06

DATE	ARSENIC DISSOLVED (UG/L AS AS)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS)	BERYLLIUM, DISSOLVED (UG/L AS BE)	BERYLLIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	CADMIUM DISSOLVED (UG/L AS CD)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G)	COPPER, DISSOLVED (UG/L AS CU)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU)	IRON, DISSOLVED (UG/L AS FE)
APR 16...	1	4	<.5	<10	<1	<1	<10	30	2	20	200

DATE	LEAD, DISSOLVED (UG/L AS PB)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB)	MANGANESE, DISSOLVED (UG/L AS MN)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G)	MERCURY DISSOLVED (UG/L AS HG)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG)	NICKEL, DISSOLVED (UG/L AS NI)	NICKEL, RECOV. FM BOTTOM MATERIAL (UG/G AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SELENIUM, TOTAL IN BOTTOM MATERIAL (UG/G)	ZINC, DISSOLVED (UG/L AS ZN)
APR 16...	1	20	160	240	.2	<.01	4	40	<1	<1	8

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294844090073900 KENTA CANAL (SITE 2) NORTHWEST OF CROWN POINT, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN)	PCB, TOTAL (UG/L)	PCB, TOTAL IN BOTTOM MATERIAL (UG/KG)	NAPHTHALENES, POLYCHLOR. TOTAL (UG/L)	PCN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ALDRIN, TOTAL (UG/L)	ALDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	CHLORDANE, TOTAL (UG/L)	CHLORDANE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDD, TOTAL (UG/L)	DDD, TOTAL IN BOTTOM MATERIAL (UG/KG)
APR 16...	60	<.1	<1	<.1	<1	<.01	<.1	<.1	9	<.01	<.1

DATE	DDE, TOTAL (UG/L)	DDE, TOTAL IN BOTTOM MATERIAL (UG/KG)	DDT, TOTAL (UG/L)	DDT, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIAZINON, TOTAL (UG/L)	DIAZINON, TOTAL IN BOTTOM MATERIAL (UG/KG)	DIELDRIN TOTAL (UG/L)	DIELDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDOSULFAN, TOTAL (UG/L)	ENDOSULFAN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ENDRIN, TOTAL (UG/L)
APR 16...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01

DATE	ENDRIN, TOTAL IN BOTTOM MATERIAL (UG/KG)	ETHION, TOTAL (UG/L)	ETHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR, TOTAL (UG/L)	HEPTACHLOR, TOTAL IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE TOTAL (UG/L)	HEPTACHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG)	LINDANE TOTAL (UG/L)	LINDANE TOTAL IN BOTTOM MATERIAL (UG/KG)	MALATHION, TOTAL (UG/L)	MALATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)
APR 16...	<.1	.06	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1

DATE	METHOXYCHLOR, TOTAL (UG/L)	METHOXYCHLOR, TOT. IN BOTTOM MATL. (UG/KG)	METHYL PARATHION, TOTAL (UG/L)	METHYL PARATHION, TOT. IN BOTTOM MATL. (UG/KG)	METHYL TRITHION, TOTAL (UG/L)	METHYL TRITHION, TOT. IN BOTTOM MATL. (UG/KG)	MIREX, TOTAL (UG/L)	MIREX, TOTAL IN BOTTOM MATERIAL (UG/KG)	PERTHANE TOTAL (UG/L)	PERTHANE IN BOTTOM MATL. (UG/KG)
APR 16...	<.01	<.1	<.01	<.1	<.01	<.1	<.01	<.1	<.1	<1

DATE	PARATHION, TOTAL (UG/L)	PARATHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE, TOTAL (UG/L)	TOXAPHENE, TOTAL IN BOTTOM MATERIAL (UG/KG)	TOTAL TRITHION (UG/L)	TRITHION, TOTAL IN BOTTOM MATERIAL (UG/KG)	2,4-D, TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
APR 16...	<.01	<.1	<1	<10	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

294551090061500 KENTA CANAL (SITE 6) WEST OF CROWN POINT,LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT										
27...	1230	1300	6.8	17.0	70	7.0	5.2	1.3	1100	3100
NOV										
29...	1520	1450	6.7	13.0	80	6.0	6.2	4.1	920	5000
JAN										
05...	1320	1080	6.4	11.0	60	15	5.6	3.7	K160	K120
APR										
16...	1510	1060	7.3	21.0	70	20	7.3	7.1	330	1300
JUN										
28...	1257	1300	7.3	29.0	30	20	4.9	3.5	420	1200
AUG										
28...	1600	1370	7.5	31.5	70	25	5.0	3.1	K86	460

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT								
27...	190	41	21	190	5.5	114	51	310
NOV								
29...	--	--	--	--	--	99	--	--
JAN								
05...	--	--	--	--	--	84	--	--
APR								
16...	160	33	18	140	3.2	111	34	220
JUN								
28...	--	--	--	--	--	109	--	--
AUG								
28...	200	41	23	160	4.9	110	40	290

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT								
27...	.4	8.3	728	695	<.10	.17	1.6	.22
NOV								
29...	--	--	--	--	<.10	.04	.6	.13
JAN								
05...	--	--	--	--	<.10	.29	1.5	.20
APR								
16...	.2	4.4	643	520	<.10	.33	2.2	.16
JUN								
28...	--	--	--	--	1.1	.22	1.1	.24
AUG								
28...	.2	10	--	635	.44	.22	1.6	.17

< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

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JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

295040090091600 MILLAUDON CANAL (SITE 5) NEAR WESTWEGO, LA

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 27...	1020	1200	6.9	18.5	50	2.0	.2	15	27000	3600
NOV 29...	1012	936	6.8	15.5	60	8.0	.7	7.8	20000	4000
JAN 05...	1010	980	6.5	10.5	50	6.0	.2	16	K100	1700
APR 16...	1040	839	7.5	22.0	50	5.0	.3	>8.3	K16000	K76
JUN 28...	1037	511	6.9	27.5	30	4.0	2.4	7.8	4600	1900
AUG 28...	1325	1040	7.5	28.0	40	3.0	1.6	20	K1300	580

DATE	HARD-NESS (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY FIELD (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 27...	250	64	22	140	6.7	236	58	190
NOV 29...	--	--	--	--	--	174	--	--
JAN 05...	--	--	--	--	--	199	--	--
APR 16...	190	51	16	100	4.7	194	40	130
JUN 28...	--	--	--	--	--	105	--	--
AUG 28...	200	52	17	110	5.9	198	35	160

DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)
OCT 27...	.5	15	649	638	<.1	7.1	11	3.5
NOV 29...	--	--	--	--	<.1	3.1	5.4	2.2
JAN 05...	--	--	--	--	1.7	3.3	4.9	.11
APR 16...	.3	13	473	472	<.1	5.6	9.3	2.8
JUN 28...	--	--	--	--	<.1	2.2	3.0	1.4
AUG 28...	.4	13	513	512	<.1	6.1	7.4	3.0

DATE	ANTI-MONY, DIS-SOLVED (UG/L AS SB)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)
AUG 28...	<1	7	150	<1	<1	<10	<1	1

DATE	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY DIS-SOLVED (UG/L AS HG)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	ZINC, DIS-SOLVED (UG/L AS ZN)
AUG 28...	190	3	9	500	.5	3	<1	5

> Actual value is known to be greater than the value shown.
< Actual value is known to be less than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

JEAN LAFITTE NATIONAL HISTORICAL PARK BASIC-DATA STUDY--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DATE	TIME	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
290080900905000 UNNAMED CANAL SOUTH OF WESTWEGO, LA						
OCT 27...	1035	18.5	2.2	1.1	K30	1200
NOV 29...	1025	15.5	2.9	2.9	250	2000
JAN 05...	1037	10.5	3.4	3.2	120	1800
APR 16...	1057	22.0	8.4	--	44	K400
JUN 28...	1057	28.0	5.4	>5.4	220	150
AUG 28...	1430	30.5	5.2	5.8	K20	K45
295016090095000 BAYOU BOEUF SOUTH BRANCH SOUTH OF WESTWEGO, LA						
OCT 27...	1030	18.5	.2	8.0	2000	2700
NOV 29...	1020	15.5	.4	5.4	K6600	3800
JAN 05...	1018	10.5	5.3	3.2	K140	K180
APR 16...	1051	22.0	9.5	--	K750	K29
JUN 28...	1051	27.0	4.2	6.1	2200	260
AUG 28...	1315	31.5	12.0	15	320	700
295026090095600 BAYOU BOEUF NORTH BRANCH SOUTH OF WESTWEGO, LA						
OCT 27...	1015	18.5	.6	5.0	1500	1400
NOV 29...	1010	15.5	--	--	1800	6200
JAN 05...	1007	10.5	1.1	4.8	K200	730
APR 16...	1032	22.0	8.0	--	1500	K12
JUN 28...	1032	27.5	5.1	4.9	1600	300
AUG 28...	1350	31.5	15.0	12	K8100	160
295113090075200 MILLAUDON CANAL NEAR MARRERO, LA						
OCT 27...	1025	18.5	.1	16	K330000	6200
NOV 29...	1015	15.5	.3	7.5	K11000	920
JAN 05...	1013	10.5	5.0	29	K200	560
APR 16...	1043	22.0	.4	--	22000	K15000
JUN 28...	1043	28.0	3.0	11	K140000	8200
AUG 28...	1340	31.5	.0	20	5200	3400

> Actual value is known to be greater than the value shown.
K Results based on colony count outside the acceptable range (non-ideal count).

ACADIA PARISH

301832092234501 LOCAL WELL NUMBER: AC-326

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 6 TO 2 IN, DEPTH 202 FT, SCREENED 192-202. MP TOP OF 6-IN CASING, 1.15 FT ABOVE LSD.
LSD 25.80 FT NGVD.
HIGHEST WATER LEVEL 48.61 BELOW LSD, MAR. 14, 1965,
LOWEST WATER LEVEL 83.93 BELOW LSD, JULY 5, 1969.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	65.19H	DEC. 25, 1983	61.28	MAR. 15, 1984	58.49	JULY 10, 1984	72.79
OCT. 5	65.30	DEC. 29	60.93H	MAR. 20	59.39	JULY 15	73.56
OCT. 10	65.10	DEC. 31	61.10	MAR. 21	60.11H	JULY 16	73.56H
OCT. 15	65.10	JAN. 5, 1984	60.79	MAY 2	70.61H	JULY 20	73.09
OCT. 20	64.77	JAN. 10	60.39	MAY 4	70.49H	JULY 25	72.49
OCT. 25	64.44	JAN. 15	60.27	MAY 5	70.74	JULY 31	72.55
OCT. 31	64.21	JAN. 20	60.01	MAY 10	72.45	AUG. 5	71.59
NOV. 1	64.60H	JAN. 25	59.69	MAY 15	72.29	AUG. 10	70.37
NOV. 5	63.80	JAN. 26	59.64H	MAY 20	72.21	AUG. 15	69.40
NOV. 10	63.32	JAN. 31	59.43	MAY 25	70.96	AUG. 20	68.63
NOV. 15	63.06	FEB. 5	59.23	MAY 31	70.40	AUG. 23	68.45H
NOV. 20	62.98	FEB. 10	59.26	JUNE 1	70.44H	AUG. 25	68.86
NOV. 25	62.71	FEB. 15	58.91	JUNE 5	71.88	AUG. 31	69.17
NOV. 28	62.48H	FEB. 20	58.70	JUNE 10	73.41	SEP. 5	68.27
NOV. 30	62.42	FEB. 24	58.55H	JUNE 15	73.50	SEP. 10	67.69
DEC. 5	62.03	FEB. 25	58.59	JUNE 20	73.60	SEP. 15	67.72
DEC. 10	62.88	FEB. 29	58.40	JUNE 25	74.17	SEP. 20	67.93
DEC. 15	61.39	MAR. 5	58.23	JUNE 30	74.50	SEP. 25	67.44
DEC. 20	61.39	MAR. 10	58.43	JULY 5	72.54	SEP. 30	66.90

301832092234504 LOCAL WELL NUMBER: AC-335U

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 907 FT, SCREENED 902-907. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.
LSD 24.55 FT NGVD.
HIGHEST WATER LEVEL 43.59 BELOW LSD, MAR. 5, 1968,
LOWEST WATER LEVEL 62.45 BELOW LSD, AUG. 21, 1974.
RECORDS AVAILABLE 1966-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 12, 1984	52.95	JUNE 1, 1984	56.40	JULY 16, 1984	58.50		

301832092234503 LOCAL WELL NUMBER: AC-335L

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 8S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1363 FT, SCREENED 1358-1363. MP TOP OF 1 1/2-IN PIPE, 3.00 FT ABOVE LSD.
LSD 24.55 FT NGVD.
HIGHEST WATER LEVEL 50.43 BELOW LSD, MAR. 31, 1970,
LOWEST WATER LEVEL 64.00 BELOW LSD, FEB. 17, 1981.
RECORDS AVAILABLE 1966-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 12, 1984	53.45	JUNE 1, 1984	53.36	JULY 16, 1984	61.30		

ASCENSION PARISH

301411090550501 LOCAL WELL NUMBER: AN-2

OWNER: CITY OF GONZALES. (SEC. 28, T. 9S., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 590 FT, SCREENED 550-590. MP TOP EDGE OF 2-IN COLLAR, 0.57 FT ABOVE LSD.
LSD 8.14 FT NGVD.
HIGHEST WATER LEVEL 5.98 ABOVE LSD, MAY 10, 1962,
LOWEST WATER LEVEL 6.33 BELOW LSD, JAN. 20, 1982.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	4.78	FEB. 9, 1984	3.68	APR. 27, 1984	+0.67	JULY 11, 1984	+0.42

See footnotes at end of table.

ASCENSION PARISH

302008090541601 LOCAL WELL NUMBER: AN-16

OWNER: CLARENCE H. WILLETT. (SEC. 20, T. 8S., R. 3E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1693 FT, SCREENED 1663-1693. MP TOP OF 2-IN CROSS, 0.90 FT ABOVE LSD.
LSD 15.00 FT NGVD.
HIGHEST WATER LEVEL 45.73 ABOVE LSD, DEC. 8, 1954, FEB. 28, 1955, APR. 28, 1955,
LOWEST WATER LEVEL 0.00 BELOW LSD, OCT. 20, 1982.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	+0.45	APR. 27, 1984	+2.20				

AVOYELLES PARISH

311006092081501 LOCAL WELL NUMBER: AV-163

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 2N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 1 1/4 IN, DEPTH 300 FT, SCREENED 295-300. MP TOP OF CASING, 1.50 FT ABOVE LSD.
LSD 78.00 FT NGVD.
HIGHEST WATER LEVEL 23.65 BELOW LSD, APR. 15, 1975,
LOWEST WATER LEVEL 39.72 BELOW LSD, OCT. 13, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 28, 1983	35.65	MAR. 30, 1984	33.59	JUNE 19, 1984	34.25	SEP. 18, 1984	38.10

310339092101501 LOCAL WELL NUMBER: AV-166

OWNER: FIFTH WARD WATER DISTRICT. (SEC. 16, T. 1N., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 10 IN, DEPTH 370 FT, SCREENED 320-370. MP TOP OF BREATHER PIPE, 2.00 FT ABOVE LSD.
LSD 76.00 FT NGVD.
HIGHEST WATER LEVEL 36.34 BELOW LSD, MAY 12, 1966,
LOWEST WATER LEVEL 90.44 BELOW LSD, DEC. 15, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 28, 1983	82.98A	MAR. 30, 1984	58.99B	JUNE 19, 1984	77.98A	SEP. 18, 1984	80.28A

310453092022902 LOCAL WELL NUMBER: AV-177

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 47, T. 1N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 1 1/4 IN, DEPTH 360 FT, SCREENED 350-360. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 80.00 FT NGVD.
HIGHEST WATER LEVEL 34.30 BELOW LSD, APR. 15, 1975,
LOWEST WATER LEVEL 40.90 BELOW LSD, DEC. 10, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 28, 1983	39.26	MAR. 30, 1984	38.40	JUNE 19, 1984	38.46	SEP. 18, 1984	40.08

311336092095901 LOCAL WELL NUMBER: AV-271

OWNER: U. S. GEOL. SURVEY. (SEC. 38, T. 3N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 370 FT, SCREENED 365-370. MP TOP OF CASING, 3.40 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 55.05 BELOW LSD, JULY 18, 1973, JUNE 30, 1975,
LOWEST WATER LEVEL 67.49 BELOW LSD, MAR. 4, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1984	65.99	APR. 2, 1984	64.82				

See footnotes at end of table.

AVOYELLES PARISH

310321092103901 LOCAL WELL NUMBER: AV-307

OWNER: FIFTH WARD WATER DISTRICT. (SEC. 16, T. 1N., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 10 IN, DEPTH 409 FT, SCREENED 359-409. MP TOP OF STEEL PLATE, 1.00 FT ABOVE LSD.
LSD 70.00 FT NGVD.
HIGHEST WATER LEVEL 35.91 BELOW LSD, JUNE 20, 1966,
LOWEST WATER LEVEL 72.95 BELOW LSD, DEC. 28, 1983.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 28, 1983	72.95C	MAR. 30, 1984	47.92				

BEAUREGARD PARISH

305018093251301 LOCAL WELL NUMBER: BE-443

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 3S., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 164 FT, SCREENED 159-164. MP TOP OF 2-IN GALV. PIPE, 2.40 FT ABOVE LSD.
LSD 206.00 FT NGVD.
HIGHEST WATER LEVEL 34.16 BELOW LSD, JUNE 26, 1975,
LOWEST WATER LEVEL 37.47 BELOW LSD, NOV. 7, 1978.
RECORDS AVAILABLE 1974-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 11, 1984	35.11	MAY 30, 1984	36.01	JULY 13, 1984	36.54		

BIENVILLE PARISH

323240093032001 LOCAL WELL NUMBER: BI-2

OWNER: TOWN OF GIBSLAND. (SEC. 14, T. 18N., R. 7W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 8 IN, DEPTH 490 FT, SCREENED 429-490. MP TOP OF CASING, 3.80 FT ABOVE LSD.
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 45.68 BELOW LSD, MAR. 31, 1949,
LOWEST WATER LEVEL 103.74 BELOW LSD, AUG. 30, 1982.
RECORDS AVAILABLE 1940, 1948-71, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	95.24C	JAN. 20, 1984	87.43C	MAY 2, 1984	85.63C	JULY 19, 1984	99.03C
NOV. 10	95.56C	FEB. 22	89.56C	JUNE 5	100.76C	SEP. 25	94.24C
DEC. 19	87.38C	MAR. 22	90.78C				

323251092551901 LOCAL WELL NUMBER: BI-4

OWNER: LOUISIANA GAS SERVICE CO. (SEC. 18, T. 18N., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 6 IN, DEPTH 585 FT, SCREENED 518-585. MP TOP OF CASING, 3.50 FT ABOVE LSD.
LSD 350.00 FT NGVD.
HIGHEST WATER LEVEL 149.55 BELOW LSD, OCT. 9, 1940,
LOWEST WATER LEVEL 228.75 BELOW LSD, JULY 1, 1977.
RECORDS AVAILABLE 1940, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	187.20	JAN. 17, 1984	181.55	MAY 2, 1984	191.53	JULY 17, 1984	186.05
NOV. 3	182.05	FEB. 22	187.51	JUNE 1	183.84	SEP. 25	182.94
DEC. 13	179.53	MAR. 22	188.71				

See footnotes at end of table.

BEST COPY AVAILABLE

321709092523901 LOCAL WELL NUMBER: BI-112

OWNER: CONTINENTAL CAN CO. (SEC. 16, T. 15N., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 IN, DEPTH 348 FT, SCREENED 338-348. MP TOP OF BUSHING, 4.35 FT ABOVE LSD.
LSD 215.00 FT NGVD.
HIGHEST WATER LEVEL 67.43 BELOW LSD, AUG. 5, 1966,
LOWEST WATER LEVEL 113.01 BELOW LSD, NOV. 3, 1983.
RECORDS AVAILABLE 1966, 1971-77, 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	112.46	JAN. 19, 1984	111.55	MAY 2, 1984	110.32	JULY 17, 1984	109.47
NOV. 3	113.01	FEB. 23	110.33	JUNE 1	109.21	SEP. 25	107.78
DEC. 19	111.60	MAR. 28	109.60				

323505092535001 LOCAL WELL NUMBER: BI-144

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 18N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 630 FT, SCREENED 620-630. MP TOP OF CASING, 2.85 FT ABOVE LSD (SINCE 8/14/84).
LSD 320.00 FT NGVD.
HIGHEST WATER LEVEL 198.27 BELOW LSD, SEP. 1, 1970,
LOWEST WATER LEVEL 225.82 BELOW LSD, SEP. 16, 1982.
RECORDS AVAILABLE 1970-73, 1975, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	222.55	JAN. 16, 1984	222.15	MAY 2, 1984	221.45	JULY 17, 1984	222.15
NOV. 3	222.74	FEB. 22	221.98	JUNE 1	221.85	SEP. 25	222.54
DEC. 13	222.24	MAR. 27	221.42				

322436092500501 LOCAL WELL NUMBER: BI-166

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 16N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 472 FT, SCREENED 462-472. MP TOP OF BUSHING, 0.20 FT ABOVE LSD (SINCE 3/21/84).
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 155.21 BELOW LSD, APR. 28, 1975,
LOWEST WATER LEVEL 169.28 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1975-82, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	168.57	SEP. 24, 1984	169.28

322343093211501 LOCAL WELL NUMBER: BI-214

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 16N., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 159 FT, SCREENED 149-159. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 177.00 FT NGVD.
HIGHEST WATER LEVEL 18.91 BELOW LSD, JULY 2, 1980,
LOWEST WATER LEVEL 22.55 BELOW LSD, SEP. 4, 1980.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	20.22	MAR. 22, 1984	20.08	JUNE 5, 1984	19.77	SEP. 24, 1984	20.93
DEC. 19	21.18						

321616093184201 LOCAL WELL NUMBER: BI-215

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 15N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 244 FT, SCREENED 234-244. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 270.00 FT NGVD.
HIGHEST WATER LEVEL 47.14 BELOW LSD, MAY 15, 1980,
LOWEST WATER LEVEL 50.38 BELOW LSD, SEP. 2, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	48.56	MAR. 22, 1984	48.43	JUNE 5, 1984	48.61	SEP. 24, 1984	49.54
DEC. 19	48.29						

BIENVILLE PARISH

322119092572301 LOCAL WELL NUMBER: BI-216

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 16N., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 300 FT, SCREENED 290-300. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 200.00 FT NGVD.
HIGHEST WATER LEVEL 13.82 BELOW LSD, MAY 19, 1980,
LOWEST WATER LEVEL 17.02 BELOW LSD, SEP. 4, 1980.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 22, 1983	15.66	MAR. 28, 1984	14.74	JUNE 1, 1984	15.37	SEP. 24, 1984	16.21

321616093184202 LOCAL WELL NUMBER: BI-234

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 15N., R. 9W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 76 FT, SCREENED 73-76. MP TOP OF BUSHING, 2.90 FT ABOVE LSD.
LSD 270.00 FT NGVD.
HIGHEST WATER LEVEL 22.85 BELOW LSD, MAY 24, 1983,
LOWEST WATER LEVEL 29.22 BELOW LSD, JAN. 18, 1982.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	25.86	JAN. 20, 1984	25.12	MAY 2, 1984	24.25	JULY 17, 1984	25.86
NOV. 10	27.03	FEB. 22	24.02	JUNE 5	25.17	SEP. 24	27.58
DEC. 19	25.29	MAR. 22	23.36				

321844093242601 LOCAL WELL NUMBER: BI-237

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 15N., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 171 FT, SCREENED 161-171. MP TOP OF BUSHING, AT LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 85.36 BELOW LSD, SEP. 1, 1981,
LOWEST WATER LEVEL 89.98 BELOW LSD, NOV. 15, 1982.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	87.20	JAN. 20, 1984	87.78	MAY 2, 1984	86.31	AUG. 22, 1984	87.17
NOV. 10	87.77	FEB. 22	86.81	JUNE 5	86.78	SEP. 24	87.43
DEC. 19	87.91	MAR. 22	86.43	JULY 9	87.00		

322330093165201 LOCAL WELL NUMBER: BI-238

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 16N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARRIZO SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 167 FT, SCREENED 157-167. MP TOP OF BUSHING, AT LSD.
LSD 265.00 FT NGVD.
HIGHEST WATER LEVEL 59.63 BELOW LSD, MAY 2, 1984,
LOWEST WATER LEVEL 62.65 BELOW LSD, FEB. 3, 1983.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	60.88	JAN. 20, 1984	60.84	MAY 2, 1984	59.63	JULY 17, 1984	60.34
NOV. 10	61.41	FEB. 22	60.17	JUNE 5	59.89	SEP. 24	61.29
DEC. 19	61.04	MAR. 22	59.72				

BOSSIER PARISH

322518093381701 LOCAL WELL NUMBER: BO-136

OWNER: LOUISIANA STATE UNIVERSITY RED RIVER VALLEY EXPERIMENT STATION. (SEC. 31, T. 17N., R. 12W.) DRILLED UNUSED ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 4 IN, DEPTH 180 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF BUSHING, 1.05 FT ABOVE LSD.
LSD 155.42 FT NGVD.
HIGHEST WATER LEVEL 10.59 BELOW LSD, JUNE 10, 1958,
LOWEST WATER LEVEL 25.68 BELOW LSD, NOV. 27, 1978.
RECORDS AVAILABLE 1955-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 9, 1983	19.35	MAR. 9, 1984	12.79	JUNE 14, 1984	18.00	SEP. 12, 1984	19.58

BOSSIER PARISH

323400093292201 LOCAL WELL NUMBER: BO-322

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 18N., R. 11W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 66 FT, SCREENED 63-66. MP TOP OF CASING, AT LSD.

LSD 200.00 FT NGVD.
HIGHEST WATER LEVEL 6.49 BELOW LSD, DEC. 13, 1983,
LOWEST WATER LEVEL 16.72 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1973, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	6.49	MAR. 22, 1984	11.78	JUNE 5, 1984	13.63	SEP. 24, 1984	16.72

323840093272001 LOCAL WELL NUMBER: BO-336

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 19N., R. 11W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 84 FT, SCREENED 81-84. MP TOP OF CASING, 3.40 FT ABOVE LSD.

LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 26.78 BELOW LSD, JULY 11, 1974,
LOWEST WATER LEVEL 41.17 BELOW LSD, AUG. 20, 1981.
RECORDS AVAILABLE 1974, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 29, 1983	34.72	MAR. 22, 1984	32.05	JUNE 11, 1984	31.82	SEP. 25, 1984	31.89

CADDO PARISH

325045093513701 LOCAL WELL NUMBER: CD-345

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 21N., R. 14W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 54 FT, SCREENED 51-54. MP TOP OF CASING, 1.30 FT ABOVE LSD.

LSD 189.71 FT NGVD.
HIGHEST WATER LEVEL 5.81 BELOW LSD, MAY 15, 1975,
LOWEST WATER LEVEL 18.46 BELOW LSD, SEP. 7, 1978.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	12.52	JAN. 5, 1984	10.97	APR. 16, 1984	10.08	JULY 16, 1984	11.55
NOV. 2	12.93	FEB. 8	10.88	MAY 15	10.75	AUG. 8	11.96
DEC. 7	11.57	MAR. 5	9.83	JUNE 13	11.24	SEP. 12	12.33

CALCASIEU PARISH

301405093153501 LOCAL WELL NUMBER: CU-77

OWNER: OLIN CORPORATION. (SEC. 35, T. 9S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 13 TO 6 IN, REPORTED DEPTH 512 FT, SCREENED 448-512. MP TOP OF CASING, 7.63 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.

LSD 9.61 FT NGVD.
HIGHEST WATER LEVEL 82.11 BELOW LSD, FEB. 14, 1956,
LOWEST WATER LEVEL 170.60 BELOW LSD, AUG. 30, 1974.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	115.41H	NOV. 25, 1983	115.05	JAN. 10, 1984	111.90E	FEB. 25, 1984	111.24
OCT. 18	117.11H	NOV. 30	115.50	JAN. 15	110.80	FEB. 28	110.90H
OCT. 20	115.30	DEC. 5	112.75	JAN. 20	111.35	FEB. 29	110.10
OCT. 25	111.20	DEC. 10	112.85	JAN. 25	110.00	MAR. 5	103.85
OCT. 31	113.10H	DEC. 15	109.60	JAN. 30	107.28H	MAR. 10	102.90
NOV. 5	113.48	DEC. 20	106.90	JAN. 31	108.75	MAR. 15	102.75
NOV. 10	112.33	DEC. 21	106.27H	FEB. 5	109.65	MAR. 20	102.40
NOV. 15	113.49	DEC. 25	111.35	FEB. 10	112.10	MAR. 25	102.22
NOV. 20	110.72	DEC. 31	115.85	FEB. 15	111.20	MAR. 31	100.40
NOV. 22	112.54H	JAN. 5, 1984	112.90E	FEB. 20	110.80	APR. 3	98.45H

See footnotes at end of table.

CALCASIEU PARISH

301115093191501 LOCAL WELL NUMBER: CU-445

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, DEPTH 540 FT, SCREENED 460-540. MP TOP OF RECORDER SHELTER FLOOR, 2.00 FT ABOVE LSD.
LSD 12.26 FT NGVD.
HIGHEST WATER LEVEL 30.96 BELOW LSD, APR. 20, 1947,
LOWEST WATER LEVEL 177.75 BELOW LSD, AUG. 23, 1973.
RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	107.10H	FEB. 5, 1984	107.13	APR. 25, 1984	106.10	JULY 15, 1984	110.65
OCT. 5	107.92	FEB. 10	107.22	APR. 30	106.49	JULY 20	109.34
OCT. 10	107.40	FEB. 15	108.00	MAY 5	107.32	JULY 25	110.32
OCT. 15	106.16	FEB. 20	107.40	MAY 10	107.92	JULY 31	110.32
OCT. 20	107.92	FEB. 25	107.39	MAY 15	108.90	AUG. 5	109.22
OCT. 25	106.65	FEB. 28	107.60H	MAY 20	112.17	AUG. 10	109.43
OCT. 31	106.66H	FEB. 29	106.81	MAY 25	111.42	AUG. 15	110.14
NOV. 21	105.63H	MAR. 5	106.44	MAY 29	110.22H	AUG. 20	110.53
DEC. 21	104.53H	MAR. 10	105.22	MAY 31	109.74	AUG. 24	110.64H
DEC. 25	107.81	MAR. 15	105.46	JUNE 5	107.72	AUG. 25	111.16
DEC. 31	116.71	MAR. 20	103.74	JUNE 10	110.54	AUG. 31	110.62
JAN. 5, 1984	114.64	MAR. 25	102.84	JUNE 15	111.93	SEP. 5	109.78
JAN. 10	111.37	MAR. 29	104.14H	JUNE 20	111.67	SEP. 10	110.66
JAN. 15	113.20	MAR. 31	102.02	JUNE 25	113.27	SEP. 15	111.11
JAN. 20	111.31	APR. 5	102.38	JUNE 30	113.09	SEP. 20	109.40
JAN. 25	111.99	APR. 10	103.51	JULY 5	113.84	SEP. 25	109.27
JAN. 30	109.43H	APR. 15	103.88	JULY 10	111.76	SEP. 30	108.37
JAN. 31	110.15	APR. 20	105.10	JULY 11	111.24H		

301115093191001 LOCAL WELL NUMBER: CU-446

OWNER: CITIES SERVICE OIL CO. (SEC. 18, T. 10S., R. 9W.) DRILLED UNUSED ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 10 IN, REPORTED DEPTH 738 FT, SCREENED 658-738. MP TOP OF RECORDER SHELTER FLOOR, 1.89 FT ABOVE LSD. RECORDER REMOVED 9/30/84.
LSD 12.42 FT NGVD.
HIGHEST WATER LEVEL 22.80 BELOW LSD, APR. 27, 1946,
LOWEST WATER LEVEL 129.80 BELOW LSD, AUG. 5, 1974.
RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	91.40H	DEC. 21, 1983	87.95H	MAR. 10, 1984	88.90	JULY 11, 1984	93.79H
OCT. 5	91.38	DEC. 25	88.77	MAR. 15	88.49	JULY 15	93.90
OCT. 10	91.38	DEC. 31	91.28	MAR. 20	88.34	JULY 20	93.60
OCT. 15	91.18	JAN. 5, 1984	92.08	MAR. 25	87.85	JULY 25	93.50
OCT. 20	90.98	JAN. 10	91.34	MAR. 29	87.81H	JULY 31	93.51
OCT. 25	90.86	JAN. 15	91.28	MAR. 31	87.30H	AUG. 5	93.37
OCT. 31	90.64H	JAN. 20	91.15	APR. 5	87.11	AUG. 10	93.33
NOV. 5	90.50	JAN. 25	91.64	APR. 10	86.99	AUG. 15	93.10
NOV. 10	90.43	JAN. 30	90.93H	APR. 15	87.27	AUG. 20	92.96
NOV. 15	90.24	JAN. 31	90.92	APR. 20	87.33	AUG. 25	93.02
NOV. 20	89.91	FEB. 5	90.31	APR. 25	87.68	AUG. 31	93.00
NOV. 21	89.75H	FEB. 10	90.56	APR. 30	88.14	SEP. 5	92.98
NOV. 25	89.65	FEB. 15	90.50	MAY 5	88.88	SEP. 10	92.71
NOV. 30	89.30	FEB. 20	90.32	MAY 10	90.00	SEP. 15	92.81
DEC. 5	89.16	FEB. 25	90.14	MAY 15	90.43	SEP. 20	92.47
DEC. 10	89.00	FEB. 28	90.16H	MAY 20	90.28	SEP. 25	92.27
DEC. 15	88.86	FEB. 29	89.98	MAY 25	90.72	SEP. 30	92.30
DEC. 20	88.29	MAR. 5	89.14	MAY 29	91.17H		

301405093171006 LOCAL WELL NUMBER: CU-730

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 9S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 165 FT, SCREENED 155-165. MP TOP OF 2-IN PIPE, 1.60 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 17.67 FT NGVD.
HIGHEST WATER LEVEL 54.64 BELOW LSD, MAR. 29, 1963,
LOWEST WATER LEVEL 85.66 BELOW LSD, AUG. 5, 1974.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	64.89	NOV. 21, 1983	64.27	JAN. 30, 1984	64.53	MAR. 29, 1984	63.42
OCT. 31	65.10	DEC. 21	63.96	FEB. 26	64.29		

See footnotes at end of table.

301315093165501 LOCAL WELL NUMBER: CU-737

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 1-IN CASING, 3.35 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 6.89 FT NGVD.
HIGHEST WATER LEVEL 87.66 BELOW LSD, APR. 2, 1962,
LOWEST WATER LEVEL 145.17 BELOW LSD, JULY 25, 1974.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	108.31	NOV. 21, 1983	105.16	JAN. 30, 1984	105.65	MAR. 29, 1984	102.95
OCT. 31	106.62	DEC. 21	99.70	FEB. 28	107.03		

301036093124401 LOCAL WELL NUMBER: CU-767

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "700-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 850 FT, SCREENED 840-850. MP TOP OF 2-IN CASING, 1.99 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 11.42 FT NGVD.
HIGHEST WATER LEVEL 63.26 BELOW LSD, MAR. 29, 1963,
LOWEST WATER LEVEL 105.98 BELOW LSD, SEP. 30, 1974.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	78.93	NOV. 21, 1983	76.77	DEC. 21, 1983	75.61	JAN. 30, 1984	76.81
OCT. 31	77.83						

301036093124402 LOCAL WELL NUMBER: CU-768

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 10S., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 306 FT, SCREENED 296-306. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 11.53 FT NGVD.
HIGHEST WATER LEVEL 53.00 BELOW LSD, MAR. 29, 1963,
LOWEST WATER LEVEL 89.59 BELOW LSD, FEB. 28, 1973.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	67.60	NOV. 21, 1983	66.28	JAN. 30, 1984	65.73	MAR. 29, 1984	64.09
OCT. 31	67.02	DEC. 21	65.27	FEB. 28	65.06		

301336093183002 LOCAL WELL NUMBER: CU-771

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF 2-IN CASING, 2.02 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 17.76 FT NGVD.
HIGHEST WATER LEVEL 54.97 BELOW LSD, MAR. 28, 1963,
LOWEST WATER LEVEL 83.83 BELOW LSD, JULY 21, 1971.
RECORDS AVAILABLE 1963-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1984	65.64						

301148093193201 LOCAL WELL NUMBER: CU-842

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "500-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 575 FT, SCREENED 572-575. MP TOP OF CASING, 1.75 FT BELOW LSD. MEASUREMENTS DISCONTINUED.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 99.07 BELOW LSD, APR. 11, 1984,
LOWEST WATER LEVEL 160.98 BELOW LSD, SEP. 10, 1973.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 11, 1984	99.07						

CALCASIEU PARISH

301148093193202 LOCAL WELL NUMBER: CU-843

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 18, T. 10S., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN "200-FT" SAND OF CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 205 FT, SCREENED 200-205. MP TOP OF CASING, 0.87 FT BELOW LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 57.50 BELOW LSD, MAY 29, 1984,
LOWEST WATER LEVEL 73.05 BELOW LSD, SEP. 10, 1974.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 29, 1984	57.50						

CALDWELL PARISH

320154092164602 LOCAL WELL NUMBER: CA-86A

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 12N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 288 FT, SCREENED 278-288. MP TOP OF CASING, 2.83 FT ABOVE LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 48.45 BELOW LSD, JAN. 13, 1976,
LOWEST WATER LEVEL 58.76 BELOW LSD, MAR. 28, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1984	58.76C	JUNE 22, 1984	50.87C	SEP. 17, 1984	57.82C		

320154092164601 LOCAL WELL NUMBER: CA-86B

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 12N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 545 FT, SCREENED 535-545. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 77.30 BELOW LSD, MAR. 13, 1979, AUG. 6, 1979,
LOWEST WATER LEVEL 85.76 BELOW LSD, DEC. 10, 1974.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1984	78.78	JUNE 22, 1984	78.97	SEP. 17, 1984	79.68		

CAMERON PARISH

295846092381104 LOCAL WELL NUMBER: CN-80U

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 12S., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 443-453. MP TOP OF 1-IN PIPE, 3.32 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 4.73 FT NGVD.
HIGHEST WATER LEVEL 19.42 BELOW LSD, MAR. 22, 1965,
LOWEST WATER LEVEL 30.80 BELOW LSD, JUNE 20, 1978.
RECORDS AVAILABLE 1964-75, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 5, 1984	28.16						

See footnotes at end of table.

CATAHOULA PARISH

311500091582501 LOCAL WELL NUMBER: CT-74

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 3N., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 196 FT, SCREENED 186-196. MP TOP OF BUSHING, 3.00 FT ABOVE LSD. (FROM JAN. 1979 THROUGH JAN. 1984, WATER LEVELS MAY BE AFFECTED BY PUMPAGE FROM DEWATERING WELLS AT LOCK AND DAM 1.)
LSD 50.00 FT NGVD.
HIGHEST WATER LEVEL 4.62 ABOVE LSD, APR. 16, 1975,
LOWEST WATER LEVEL 57.00 BELOW LSD, DEC. 29, 1980.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	46.10	JAN. 26, 1984	42.20	APR. 30, 1984	12.20	JULY 31, 1984	23.90
NOV. 7	45.07	FEB. 22	23.72	MAY 3	21.83	AUG. 2	24.53
NOV. 21	46.00	FEB. 29	21.50	MAY 24	11.20	AUG. 14	25.00
DEC. 30	42.30	MAR. 27	14.49	JUNE 19	16.00	SEP. 18	25.97
JAN. 25, 1984	42.02	MAR. 29	14.60	JUNE 21	26.89	SEP. 19	26.00

CLAIBORNE PARISH

325752093082701 LOCAL WELL NUMBER: CL-9

OWNER: TOWN OF HAYNESVILLE. (SEC. 24, T. 23N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 12 IN, DEPTH 670 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 3/4-IN COLLAR, 1.40 FT ABOVE LSD.
LSD 360.00 FT NGVD.
HIGHEST WATER LEVEL 212.45 BELOW LSD, DEC. 20, 1961,
LOWEST WATER LEVEL 278.37 BELOW LSD, AUG. 28, 1980.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	266.28	MAR. 23, 1984	269.43	JUNE 11, 1984	268.18	SEP. 25, 1984	269.02

324707093025001 LOCAL WELL NUMBER: CL-58

OWNER: TOWN OF HOMER. (SEC. 25, T. 21N., R. 7W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 12 IN, DEPTH 482 FT, SCREENED 432-482. MP TOP OF 1-IN PIPE, 2.80 FT ABOVE LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 95.64 BELOW LSD, JAN. 8, 1958,
LOWEST WATER LEVEL 141.19 BELOW LSD, AUG. 15, 1962.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 23, 1984	139.27	SEP. 25, 1984	139.67				

323943092573601 LOCAL WELL NUMBER: CL-136

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 19N., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 835 FT, SCREENED 825-835. MP TOP OF CASING, 3.50 FT ABOVE LSD.
LSD 405.00 FT NGVD.
HIGHEST WATER LEVEL 297.80 BELOW LSD, JUNE 26, 1974,
LOWEST WATER LEVEL 315.12 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 23, 1984	301.70	SEP. 25, 1984	315.12				

325706092591001 LOCAL WELL NUMBER: CL-137

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 23N., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 639 FT, SCREENED 629-639. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 211.44 BELOW LSD, MAY 14, 1975,
LOWEST WATER LEVEL 225.23 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	223.51	SEP. 25, 1984	225.23				

CLAIBORNE PARISH

323908093093101 LOCAL WELL NUMBER: CL-138

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 19N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 661 FT, SCREENED 651-661. MP TOP OF CASING, 3.80 FT ABOVE LSD.
LSD 380.00 FT NGVD.
HIGHEST WATER LEVEL 206.29 BELOW LSD, JULY 15, 1975,
LOWEST WATER LEVEL 216.62 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	215.45	MAR. 23, 1984	216.03	JUNE 11, 1984	215.52	SEP. 25, 1984	216.62

330002092445901 LOCAL WELL NUMBER: CL-149

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 23N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 736 FT, SCREENED 726-736. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.
LSD 230.00 FT NGVD.
HIGHEST WATER LEVEL 264.01 BELOW LSD, FEB. 21, 1980,
LOWEST WATER LEVEL 272.37 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	271.40	SEP. 21, 1984	272.37				

324908092443501 LOCAL WELL NUMBER: CL-151

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 21N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 719 FT, SCREENED 709-719. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 180.00 FT NGVD.
HIGHEST WATER LEVEL 180.24 BELOW LSD, MAY 20, 1980,
LOWEST WATER LEVEL 190.37 BELOW LSD, SEP. 6, 1983.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	189.33	MAR. 21, 1984	189.85	JUNE 1, 1984	189.50	SEP. 21, 1984	189.95

CONCORDIA PARISH

313604091481901 LOCAL WELL NUMBER: CO-50

OWNER: MONTEREY WATER SYSTEM. (SEC. 12, T. 7N., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 4 IN, DEPTH 700 FT, SCREENED 680-700. MP TOP OF HOLE IN PUMP BASE, 2.00 FT ABOVE LSD.
LSD 55.00 FT NGVD.
HIGHEST WATER LEVEL 4.01 BELOW LSD, AUG. 15, 1970,
LOWEST WATER LEVEL 49.49 BELOW LSD, MAR. 27, 1984.
RECORDS AVAILABLE 1970, 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7, 1983	26.53C	FEB. 21, 1984	41.05A	MAY 3, 1984	27.92C	AUG. 1, 1984	29.45C
JAN. 25, 1984	19.31	MAR. 27	49.49A	JUNE 21	27.98C	SEP. 21	29.58C

DE SOTO PARISH

315345093355801 LOCAL WELL NUMBER: DS-443

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 304 FT, SCREENED 294-304. MP TOP OF CASING, 3.20 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 61.22 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 65.55 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	63.54	JULY 2, 1984	64.36	SEP. 25, 1984	65.55		

See footnotes at end of table.

315545093372601 LOCAL WELL NUMBER: DS-444

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 241 FT, SCREENED 231-241. MP TOP OF CASING, AT LSD.
LSD 305.00 FT NGVD.
HIGHEST WATER LEVEL 58.59 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 61.32 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	61.09	MAR. 1, 1984	59.65	APR. 30, 1984	59.85	JULY 30, 1984	60.90
JAN. 4, 1984	60.09	MAR. 26	59.52	JULY 2	60.53	SEP. 25	61.32

315521093343801 LOCAL WELL NUMBER: DS-445

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 140 FT, SCREENED 130-140. MP TOP OF CASING, 3.60 FT ABOVE LSD.
LSD 305.00 FT NGVD.
HIGHEST WATER LEVEL 78.13 BELOW LSD, MAY 15, 1978,
LOWEST WATER LEVEL 83.78 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	82.57	JULY 2, 1984	83.38	SEP. 25, 1984	83.78		

315629093352601 LOCAL WELL NUMBER: DS-446

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 11N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 220 FT, SCREENED 210-220. MP TOP OF CASING, 3.85 FT ABOVE LSD.
LSD 340.00 FT NGVD.
HIGHEST WATER LEVEL 91.12 BELOW LSD, MAY 15, 1978,
LOWEST WATER LEVEL 93.74 BELOW LSD, JULY 2, 1984.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	92.83	JULY 2, 1984	93.74	SEP. 25, 1984	93.34		

315459093302001 LOCAL WELL NUMBER: DS-448

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 11N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 230 FT, SCREENED 220-230. MP TOP OF CASING, 3.63 FT ABOVE LSD.
LSD 270.00 FT NGVD.
HIGHEST WATER LEVEL 124.22 BELOW LSD, MAY 30, 1979,
LOWEST WATER LEVEL 126.48 BELOW LSD, AUG. 24, 1981.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	124.53	JULY 2, 1984	125.43	SEP. 25, 1984	126.29		

315318093274201 LOCAL WELL NUMBER: DS-449

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 10N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 240 FT, SCREENED 230-240. MP TOP OF CASING, 3.25 FT ABOVE LSD.
LSD 230.00 FT NGVD.
HIGHEST WATER LEVEL 88.64 BELOW LSD, APR. 16, 1979,
LOWEST WATER LEVEL 92.44 BELOW LSD, DEC. 18, 1979.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 2, 1984	89.88	SEP. 25, 1984	90.65				

DE SOTO PARISH

315509093320901 LOCAL WELL NUMBER: DS-450

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 11N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 262 FT, SCREENED 252-262. MP TOP OF CASING, 4.10 FT ABOVE LSD.
LSD 290.00 FT NGVD.
HIGHEST WATER LEVEL 127.21 BELOW LSD, MAY 28, 1980,
LOWEST WATER LEVEL 129.55 BELOW LSD, AUG. 24, 1981.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	128.08	JULY 2, 1984	128.13	SEP. 25, 1984	128.89		

320059093363701 LOCAL WELL NUMBER: DS-461

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 60 FT, SCREENED 55-60. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 365.00 FT NGVD.
HIGHEST WATER LEVEL 41.03 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 43.46 BELOW LSD, SEP. 29, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	41.55	JULY 2, 1984	42.24	SEP. 25, 1984	42.64		

320045093374601 LOCAL WELL NUMBER: DS-462

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 62 FT, SCREENED 57-62. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 330.00 FT NGVD.
HIGHEST WATER LEVEL 29.90 BELOW LSD, JAN. 10, 1983,
LOWEST WATER LEVEL 37.94 BELOW LSD, JAN. 27, 1981, MAR. 11, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	31.32	JULY 2, 1984	34.58	SEP. 25, 1984	36.66		

320029093383701 LOCAL WELL NUMBER: DS-463

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 79 FT, SCREENED 74-79. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 345.00 FT NGVD.
HIGHEST WATER LEVEL 31.31 BELOW LSD, MAY 24, 1979,
LOWEST WATER LEVEL 41.64 BELOW LSD, SEP. 21, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	36.53	JULY 2, 1984	37.85	SEP. 25, 1984	39.89		

320000093383101 LOCAL WELL NUMBER: DS-464

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 87 FT, SCREENED 82-87. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 350.00 FT NGVD.
HIGHEST WATER LEVEL 15.48 BELOW LSD, MAR. 2, 1983,
LOWEST WATER LEVEL 24.59 BELOW LSD, DEC. 15, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	16.41	JULY 2, 1984	22.65	SEP. 25, 1984	23.67		

315929093380301 LOCAL WELL NUMBER: DS-465

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 46 FT, SCREENED 41-46. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 310.00 FT NGVD.
HIGHEST WATER LEVEL 9.48 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 13.44 BELOW LSD, MAR. 11, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	9.62	JULY 2, 1984	9.90	SEP. 25, 1984	10.39		

315902093371201 LOCAL WELL NUMBER: DS-466

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 80 FT, SCREENED 77-80. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 345.00 FT NGVD.
HIGHEST WATER LEVEL 41.84 BELOW LSD, MAR. 26, 1984,
LOWEST WATER LEVEL 44.78 BELOW LSD, JAN. 25, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	41.84	JULY 2, 1984	42.98	SEP. 25, 1984	43.67		

315836093363801 LOCAL WELL NUMBER: DS-467

OWNER: U. S. GEOL. SURVEY. (SEC. 33, T. 12N., R. 12W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 87 FT, SCREENED 82-87. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 335.00 FT NGVD.
HIGHEST WATER LEVEL 42.52 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 44.81 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	43.47	JULY 2, 1984	44.22	SEP. 25, 1984	44.81		

315501093282901 LOCAL WELL NUMBER: DS-468

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 11N., R. 11W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 117 FT, SCREENED 114-117. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 145.00 FT NGVD.
HIGHEST WATER LEVEL 5.49 BELOW LSD, MAR. 28, 1983,
LOWEST WATER LEVEL 9.83 BELOW LSD, SEP. 29, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	5.91	JULY 2, 1984	7.97	SEP. 25, 1984	9.48		

315709093252501 LOCAL WELL NUMBER: DS-476

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 11N., R. 10W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 87 FT, SCREENED 84-87. MP TOP OF BUSHING, 3.00 FT ABOVE LSD.
LSD 130.00 FT NGVD.
HIGHEST WATER LEVEL 7.83 BELOW LSD, MAR. 7, 1983,
LOWEST WATER LEVEL 14.68 BELOW LSD, SEP. 29, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 31, 1983	13.51	FEB. 6, 1984	10.05	JULY 16, 1984	10.66	AUG. 6, 1984	11.39
DEC. 5	13.13	JUNE 11	10.04				

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315649093262501 LOCAL WELL NUMBER: DS-477

OWNER: RIVER ROUGE CO. (SEC. 7, T. 11N., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 82 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 130.00 FT NGVD.
HIGHEST WATER LEVEL 12.13 BELOW LSD, MAY 2, 1983,
LOWEST WATER LEVEL 15.65 BELOW LSD, OCT. 31, 1983.
RECORDS AVAILABLE 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 7, 1983	12.25	AUG. 1, 1983	13.14	FEB. 6, 1984	13.72	JULY 16, 1984	13.72
MAY 2	12.13	OCT. 31	15.65	JUNE 11	13.29	AUG. 6	14.26
JULY 11	12.58	DEC. 5	15.25				

315801093265501 LOCAL WELL NUMBER: DS-478

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 11N., R. 11W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 55 FT, SCREENED 52-55. MP TOP OF BUSHING, AT LSD.
LSD 130.00 FT NGVD.
HIGHEST WATER LEVEL 7.23 BELOW LSD, JUNE 6, 1983, APR. 11, 1984,
LOWEST WATER LEVEL 14.19 BELOW LSD, AUG. 30, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	11.45	JAN. 10, 1984	9.56	APR. 11, 1984	7.23	JULY 16, 1984	9.02
OCT. 31	12.19	FEB. 6	9.07	MAY 14	7.95	AUG. 6	9.70
DEC. 5	11.81	MAR. 5	7.65	JUNE 11	8.57	SEP. 10	10.78

320118093555601 LOCAL WELL NUMBER: DS-504

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 12N., R. 15W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 260 FT, SCREENED 250-260. MP TOP OF BUSHING, 5.00 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 66.88 BELOW LSD, MAR. 27, 1984,
LOWEST WATER LEVEL 70.70 BELOW LSD, APR. 20, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	67.88	FEB. 28, 1984	66.95	APR. 30, 1984	67.30	AUG. 1, 1984	67.89
JAN. 5, 1984	67.36	MAR. 27	66.88	JULY 3	67.78	SEP. 24	67.87

315818093575202 LOCAL WELL NUMBER: DS-506

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 11N., R. 16W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 56 FT, SCREENED 53-56. MP TOP OF BUSHING, 3.40 FT ABOVE LSD.
LSD 200.00 FT NGVD.
HIGHEST WATER LEVEL 14.08 BELOW LSD, APR. 23, 1980,
LOWEST WATER LEVEL 19.49 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	18.10	FEB. 28, 1984	16.39	APR. 30, 1984	16.18	AUG. 30, 1984	18.62
JAN. 5, 1984	17.09	MAR. 27	15.89	JULY 2	18.14	SEP. 24	19.49

315722093280501 LOCAL WELL NUMBER: DS-507

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 11N., R. 11W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 52 FT, SCREENED 49-52. MP TOP OF BUSHING, 3.20 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 11.88 BELOW LSD, MAY 29, 1980,
LOWEST WATER LEVEL 16.32 BELOW LSD, AUG. 24, 1981.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	14.94	MAR. 1, 1984	13.08	MAR. 26, 1984	12.65	APR. 30, 1984	12.83
JAN. 4, 1984	13.97						

315558093270401 LOCAL WELL NUMBER: DS-508

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 11N., R. 11W.) BORED OBSERVATION WATER-TABLE WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 89 FT, SCREENED 86-89. MP TOP OF BUSHING, 3.20 FT ABOVE LSD.
LSD 190.00 FT NGVD.
HIGHEST WATER LEVEL 49.52 BELOW LSD, MAY 29, 1980,
LOWEST WATER LEVEL 53.10 BELOW LSD, JAN. 25, 1982.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	51.30	MAR. 1, 1984	50.69	APR. 30, 1984	50.27	JULY 30, 1984	50.96
JAN. 4, 1984	51.10	MAR. 26	50.24	JULY 2	50.82	SEP. 25	51.57

315653093571302 LOCAL WELL NUMBER: DS-509

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 11N., R. 16W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 139 FT, SCREENED 136-139. MP TOP OF BUSHING, 3.20 FT ABOVE LSD.
LSD 205.00 FT NGVD.
HIGHEST WATER LEVEL 19.78 BELOW LSD, MAY 27, 1980,
LOWEST WATER LEVEL 22.92 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	21.77	FEB. 28, 1984	21.35	APR. 30, 1984	21.60	AUG. 1, 1984	22.03
JAN. 5, 1984	21.68	MAR. 27	21.25	JULY 3	22.50	SEP. 24	22.92

320118093555602 LOCAL WELL NUMBER: DS-510

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 12N., R. 15W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 170 FT, SCREENED 167-170. MP TOP OF BUSHING, 4.30 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 44.42 BELOW LSD, JULY 1, 1980,
LOWEST WATER LEVEL 45.99 BELOW LSD, MAR. 10, 1982.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	45.29	FEB. 28, 1984	44.55	APR. 30, 1984	44.69	AUG. 1, 1984	44.92
JAN. 5, 1984	45.29	MAR. 27	44.52	JULY 3	44.92	SEP. 24	45.15

315113093302501 LOCAL WELL NUMBER: DS-511

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 10N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 340-350. MP TOP OF BUSHING, AT LSD.
LSD 330.00 FT NGVD.
HIGHEST WATER LEVEL 140.05 BELOW LSD, JULY 22, 1981,
LOWEST WATER LEVEL 143.00 BELOW LSD, AUG. 24, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	142.43	MAR. 2, 1984	142.85	APR. 30, 1984	142.72	JULY 30, 1984	142.94
JAN. 4, 1984	142.67	MAR. 28	142.63	JULY 2	142.82	SEP. 25	142.98

315540093534001 LOCAL WELL NUMBER: DS-513

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 11N., R. 15W.) BORED OBSERVATION WATER-TABLE WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 78 FT, SCREENED 76-78. MP TOP OF BUSHING, AT LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 20.65 BELOW LSD, APR. 30, 1984,
LOWEST WATER LEVEL 23.14 BELOW LSD, NOV. 17, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	21.68	FEB. 28, 1984	20.98	APR. 30, 1984	20.65	AUG. 1, 1984	21.75
JAN. 5, 1984	21.04	MAR. 27	20.88	JULY 2	21.45	SEP. 24	22.36

DE SOTO PARISH

315736093561401 LOCAL WELL NUMBER: DS-515

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 11N., R. 15W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 147 FT, SCREENED 145-147. MP TOP OF BUSHING, AT LSD.
LSD 200.00 FT NGVD.
HIGHEST WATER LEVEL 26.98 BELOW LSD, APR. 20, 1983,
LOWEST WATER LEVEL 32.45 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	27.86	FEB. 28, 1984	27.58	APR. 30, 1984	29.27	AUG. 1, 1984	31.70
JAN. 5, 1984	28.88	MAR. 27	27.62	JULY 3	31.58	SEP. 24	32.45

320153093583601 LOCAL WELL NUMBER: DS-517

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 12N., R. 16W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 131 FT, SCREENED 129-131. MP TOP OF BUSHING, AT LSD.
LSD 225.00 FT NGVD.
HIGHEST WATER LEVEL 15.54 BELOW LSD, MAR. 2, 1983,
LOWEST WATER LEVEL 17.64 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	17.61	FEB. 28, 1984	16.64	MAY 1, 1984	16.67	AUG. 1, 1984	17.51
JAN. 5, 1984	16.93	MAR. 27	16.44	JULY 3	17.40	SEP. 24	17.64

EAST BATON ROUGE PARISH

302745091092401 LOCAL WELL NUMBER: EB-90

OWNER: BATON ROUGE WATER WORKS. (SEC. 77, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,120 FT, SCREENED 2,025-2,120. MP TOP OF COLLAR, 1.90 FT ABOVE LSD.
LSD 59.05 FT NGVD.
HIGHEST WATER LEVEL 12.70 ABOVE LSD, FEB. 23, 1943,
LOWEST WATER LEVEL 292.54 BELOW LSD, AUG. 31, 1973.
RECORDS AVAILABLE 1943-45, 1947-55, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	245.32	JAN. 19, 1984	250.50	MAY 23, 1984	246.65	AUG. 14, 1984	234.70
NOV. 25	243.20	MAR. 2	247.95	JULY 5	238.26	SEP. 6	232.55
DEC. 16	240.90	APR. 11	242.85				

302657091101201 LOCAL WELL NUMBER: EB-112

OWNER: KEAN'S LAUNDRY. (SEC. 48, T. S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 TO 4 IN, REPORTED DEPTH 2,254 FT, SCREENED 2,173-2,254. MP TOP OF 1/2-IN BUSHING, AT LSD.
LSD 57.00 FT NGVD.
HIGHEST WATER LEVEL 74.00 ABOVE LSD, JAN. 2, 1930,
LOWEST WATER LEVEL 301.20 BELOW LSD, JULY 26, 1973.
RECORDS AVAILABLE 1930, 1940, 1943, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	249.90	FEB. 8, 1984	260.75	MAY 2, 1984	251.70	JULY 19, 1984	251.50

302604091095801 LOCAL WELL NUMBER: EB-123

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 12 TO 8 IN, DEPTH 710 FT, SCREENED 630-710. MP TOP OF RECORDER SHELTER FLOOR, 0.81 FT ABOVE LSD.
LSD 51.13 FT NGVD.
HIGHEST WATER LEVEL 50.70 BELOW LSD, APR. 1, 1935,
LOWEST WATER LEVEL 143.70 BELOW LSD, SEP. 4, 1940.
RECORDS AVAILABLE 1935, 1939-40, 1947-49, 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	79.41	MAY 2, 1984	70.44	MAY 9, 1984	70.14	JULY 19, 1984	72.99
FEB. 8, 1984	[illegible]						

302617091103602 LOCAL WELL NUMBER: EB-127

OWNER: BROWN-EAGLE ICE CO. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 330 FT, SCREENED 229-330. MP TOP OF RECORDER BASE, 1.73 FT BELOW LSD.
LSD 49.56 FT NGVD.
HIGHEST WATER LEVEL 14.66 BELOW LSD, APR. 27, 1979,
LOWEST WATER LEVEL 53.13 BELOW LSD, OCT. 26, 1956.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	45.73	MAY 2, 1984	21.73	MAY 9, 1984	20.31	JULY 19, 1984	35.03
FEB. 8, 1984	37.08						

302648091102301 LOCAL WELL NUMBER: EB-128

OWNER: DIVINCENTI BROS., INC. (SEC. 74, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 970 FT, SCREENED 840-883, 916-970. MP TOP OF 6-IN CASING, AT LSD.
LSD 57.02 FT NGVD.
HIGHEST WATER LEVEL 67.90 BELOW LSD, MAR. 15, 1946, MAR. 25, 1946,
LOWEST WATER LEVEL 128.42 BELOW LSD, SEP. 9, 1956.
RECORDS AVAILABLE 1940-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	86.17	MAY 9, 1984	76.85	MAY 30, 1984	77.70	JULY 19, 1984	79.20
FEB. 15, 1984	82.25						

302653091095701 LOCAL WELL NUMBER: EB-146

OWNER: BATON ROUGE DEPT. PUBLIC WORKS. (SEC. 73, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 6 TO 4 IN, REPORTED DEPTH 1,259 FT, SCREENED 1,199-1,259. MP EDGE OF 1/4-IN HOLE IN PLATE ATOP CASING, 0.45 FT BELOW LSD.
LSD 52.00 FT NGVD.
HIGHEST WATER LEVEL 33.00 ABOVE LSD, MAR. 25, 1916,
LOWEST WATER LEVEL 118.15 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1916, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	106.75	FEB. 15, 1984	108.15	MAY 7, 1984	107.55	JULY 19, 1984	110.45

302930091101501 LOCAL WELL NUMBER: EB-155

OWNER: EXXON CO., U.S.A. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 18 TO 12 IN, REPORTED DEPTH 412 FT, SCREENED 311-412. MP TOP OF CASING COVER, 0.85 FT ABOVE LSD.
LSD 60.14 FT NGVD.
HIGHEST WATER LEVEL 69.24 BELOW LSD, JUNE 5, 1981,
LOWEST WATER LEVEL 185.30 BELOW LSD, OCT. 15, 1968.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	83.34H	JAN. 5, 1984	95.03	APR. 10, 1984	78.81	JULY 10, 1984	85.47
OCT. 10	86.64	JAN. 10	96.71	APR. 11	78.56H	JULY 15	82.29
OCT. 15	88.22	JAN. 15	93.20	APR. 15	78.02	JULY 20	84.41
OCT. 20	83.96	JAN. 20	94.12H	APR. 20	77.52	JULY 25	83.26
OCT. 25	89.31	JAN. 25	94.33	APR. 25	76.89	JULY 31	88.91
OCT. 31	90.07	JAN. 31	90.64	APR. 30	76.75	AUG. 5	85.95
NOV. 5	90.95	FEB. 5	94.33	MAY 5	76.23	AUG. 10	91.18
NOV. 10	86.74	FEB. 10	89.40	MAY 10	80.14	AUG. 14	90.61H
NOV. 15	87.09	FEB. 15	87.09	MAY 15	81.97	AUG. 15	90.98
NOV. 20	88.16	FEB. 20	85.84	MAY 20	82.65	AUG. 20	93.18
NOV. 21	88.39H	FEB. 25	83.97	MAY 23	78.27H	AUG. 25	96.85
NOV. 25	87.96	FEB. 29	83.32	MAY 25	82.23	AUG. 31	96.90
NOV. 30	86.34	MAR. 2	83.47H	MAY 31	84.62	SEP. 5	97.07
DEC. 5	85.15	MAR. 5	83.81	JUNE 5	77.68	SEP. 6	97.27H
DEC. 10	85.75	MAR. 10	91.08	JUNE 10	76.66	SEP. 10	98.02
DEC. 15	83.36	MAR. 15	86.38	JUNE 15	76.39	SEP. 15	98.75
DEC. 16	84.38H	MAR. 20	82.04	JUNE 20	77.69	SEP. 20	99.19
DEC. 20	85.06	MAR. 25	80.60	JUNE 25	81.40	SEP. 25	99.49
DEC. 25	89.75	MAR. 31	79.95	JUNE 30	80.03	SEP. 30	97.90
DEC. 31	90.09	APR. 5	83.68	JULY 5	84.64H		

See footnotes at end of table.

EAST BATON ROUGE PARISH

303001091093801 LOCAL WELL NUMBER: EB-166

OWNER: BATON ROUGE WATER WORKS. (SEC. 38, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 1,496 FT, SCREENED 1,416-1,496. MP TOP EDGE OF 1 1/2-IN COLLAR ON PLATE ATOP CASING, 1.95 FT ABOVE LSD.
LSD 56.00 FT NGVD.
HIGHEST WATER LEVEL 14.00 ABOVE LSD, MAR. 1, 1943,
LOWEST WATER LEVEL 147.27 BELOW LSD, MAY 14, 1979.
RECORDS AVAILABLE 1943, 1948, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	126.52	JAN. 19, 1984	130.10	MAY 23, 1984	122.90	AUG. 14, 1984	125.52
NOV. 21	129.22	MAR. 1	126.51	JULY 5	128.[illegible]	SEP. 6	127.55
DEC. 16	121.22	APR. 11	136.68				

303358091094401 LOCAL WELL NUMBER: EB-172

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 239 FT, SCREENED 218-239. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 66.00 FT NGVD.
HIGHEST WATER LEVEL 40.94 BELOW LSD, MAY 15, 1979,
LOWEST WATER LEVEL 62.90 BELOW LSD, NOV. 15, 1968.
RECORDS AVAILABLE 1942, 1948-50, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	47.74	APR. 13, 1984	42.77	MAY 10, 1984	41.46	JULY 16, 1984	41.77
JAN. 19, 1984	45.21						

303026091113001 LOCAL WELL NUMBER: EB-297

OWNER: LA. OFFICE OF HIGHWAYS. (SEC. 37, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1,940 FT, SCREENED 1,890-1,940. MP TOP OF 4-IN NIPPLE ATOP 4-IN CROSS, 2.20 FT ABOVE LSD.
LSD 61.00 FT NGVD.
HIGHEST WATER LEVEL 200.22 BELOW LSD, NOV. 7, 1967,
LOWEST WATER LEVEL 336.23 BELOW LSD, AUG. 31, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	264.36	JAN. 19, 1984	277.20	MAY 23, 1984	273.18	AUG. 14, 1984	255.50
NOV. 21	267.90	MAR. 2	273.66	JULY 5	258.35	SEP. 6	250.30
DEC. 16	266.42	APR. 11	265.95				

302549091073101 LOCAL WELL NUMBER: EB-301

OWNER: P. C. WITTER. (IRREG. SEC. 91, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,281 FT, SCREENED 1,217-1,281. MP TOP OF 2 1/2-IN COLLAR ABOVE PLATE ON 4-IN TEE, 1.30 FT ABOVE LSD.
LSD 53.45 FT NGVD.
HIGHEST WATER LEVEL 35.00 ABOVE LSD, AUG. 19, 1926,
LOWEST WATER LEVEL 110.82 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1926, 1943-44, 1946-49, 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	100.02	FEB. 13, 1984	102.60	MAY 2, 1984	100.30	JULY 19, 1984	104.25

303440090592702 LOCAL WELL NUMBER: EB-304

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,725 FT, SCREENED 1,685-1,725. MP LOWER EDGE OF COLLAR ON 3/4-IN NIPPLE ON SIDE OF CASING, 1.45 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 81.00 ABOVE LSD, DEC. 19, 1941,
LOWEST WATER LEVEL 64.85 BELOW LSD, NOV. 7, 1979.
RECORDS AVAILABLE 1941, 1943-46, 1949-51, 1954-70, 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	50.70	JAN. 18, 1984	50.75	APR. 12, 1984	57.21	JULY 16, 1984	58.17

303441091074201 LOCAL WELL NUMBER: EB-322

OWNER: JOSEPH ROY BADEAUX. (SEC. 29, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 TO 2 IN, DEPTH 1,971 FT, SCREENED 1,931-1,971. MP TOP EDGE OF 2 1/2-IN CASING, 0.25 FT ABOVE LSD.
LSD 68.00 FT NGVD.
HIGHEST WATER LEVEL 67.00 ABOVE LSD, DEC. 6, 1942,
LOWEST WATER LEVEL 80.34 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1942-51, 1959, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	71.47	JAN. 19, 1984	71.15	APR. 9, 1984	69.85	JULY 16, 1984	70.95

302820091072401 LOCAL WELL NUMBER: EB-327

OWNER: SPEDALE ESTATE. (SEC. 73, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 1,236 FT, SCREENED 1,186-1,236. MP TOP OF 2-IN CASING EXTENSION, 1.40 FT ABOVE LSD.
LSD 55.00 FT NGVD.
HIGHEST WATER LEVEL 100.10 BELOW LSD, FEB. 7, 1974,
LOWEST WATER LEVEL 119.58 BELOW LSD, JULY 16, 1979.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	108.53	FEB. 13, 1984	109.90	MAY 9, 1984	110.85	JULY 19, 1984	111.10

302930091111301 LOCAL WELL NUMBER: EB-367

OWNER: GULF STATES UTILITIES CO. (SEC. 43, T. 6S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, REPORTED DEPTH 2,061 FT, SCREENED 1,961-2,061. MP ARROW ON PLATE ABOVE CASING, 0.40 FT ABOVE LSD.
LSD 64.40 FT NGVD.
HIGHEST WATER LEVEL 5.00 BELOW LSD, JUNE 16, 1942,
LOWEST WATER LEVEL 372.20 BELOW LSD, AUG. 17, 1973.
RECORDS AVAILABLE 1942, 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	291.40H	JAN. 20, 1984	305.26	APR. 11, 1984	290.27H	JULY 20, 1984	281.58
OCT. 10	294.88	JAN. 25	307.62	APR. 15	289.89	JULY 25	279.89
OCT. 15	288.71	JAN. 31	306.73	APR. 20	291.04	JULY 31	279.16
OCT. 20	289.11	FEB. 5	306.74	APR. 25	295.42	AUG. 1	279.16H
OCT. 25	287.80	FEB. 10	307.22	APR. 30	291.93	AUG. 5	277.72
OCT. 31	286.88	FEB. 15	304.01	MAY 5	297.27	AUG. 10	276.54
NOV. 5	287.21	FEB. 20	299.99	MAY 10	296.39	AUG. 14	280.14H
NOV. 10	290.08	FEB. 25	303.90	MAY 15	298.16	AUG. 15	278.94
NOV. 15	291.08	FEB. 29	300.83	MAY 20	302.06	AUG. 20	274.76
NOV. 20	290.83	MAR. 2	298.62H	MAY 23	300.26H	AUG. 25	271.92
NOV. 21	291.93H	MAR. 5	295.30	MAY 25	297.11	AUG. 31	269.30
NOV. 25	290.99	MAR. 10	288.20	MAY 31	294.83	SEP. 5	272.26
NOV. 30	287.10	MAR. 15	281.50	JUNE 5	294.94	SEP. 6	272.36H
DEC. 5	287.97	MAR. 20	285.24	JUNE 10	294.33	SEP. 10	272.24
DEC. 10	292.20	MAR. 25	285.05	JUNE 15	297.21	SEP. 15	272.27
DEC. 15	289.32	MAR. 31	289.60	JULY 5	283.31H	SEP. 20	274.94
DEC. 16	290.49H	APR. 5	291.18	JULY 10	277.08	SEP. 25	273.26
JAN. 19, 1984	304.47H	APR. 10	289.62	JULY 15	284.43	SEP. 30	276.70

302619091104003 LOCAL WELL NUMBER: EB-434

OWNER: LA. OFFICE OF HIGHWAYS. (SEC. 49, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, REPORTED DEPTH 611 FT, SCREENED 551-611. MP 1/4-IN HOLE IN TOP 8-IN PLUG, 1.40 FT ABOVE LSD.
LSD 45.44 FT NGVD.
HIGHEST WATER LEVEL 56.98 BELOW LSD, MAY 6, 1982,
LOWEST WATER LEVEL 125.57 BELOW LSD, OCT. 22, 1968.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	74.52	FEB. 8, 1984	69.80	MAY 9, 1984	63.51	JULY 19, 1984	66.40
DEC. 15	68.10	MAY 2	64.40				

See footnotes at end of table.

303238091085701 LOCAL WELL NUMBER: EB-461

OWNER: J. L. GRANBERRY. (SEC. 97, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, REPORTED DEPTH 330 FT, SCREENED 310-330. MP TOP EDGE OF OPENING IN 4 X 2-IN REDUCER, 0.75 FT ABOVE LSD.
LSD 65.00 FT NGVD.
HIGHEST WATER LEVEL 54.82 BELOW LSD, JULY 16, 1984,
LOWEST WATER LEVEL 84.75 BELOW LSD, NOV. 15, 1968.
RECORDS AVAILABLE 1947-48, 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	58.80	APR. 13, 1984	55.03	MAY 10, 1984	53.55	JULY 16, 1984	54.82
JAN. 19, 1984	58.25						

303408091075001 LOCAL WELL NUMBER: EB-468

OWNER: A. M. HOLDEN. (SEC. 53, T. 5S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,407 FT, SCREENED 2,319-2,407. MP TOP EDGE OF 3/4-IN HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
LSD 73.00 FT NGVD.
HIGHEST WATER LEVEL 71.60 ABOVE LSD, FEB. 27, 1948,
LOWEST WATER LEVEL 67.00 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1948-51, 1953-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	58.30	JAN. 19, 1984	59.66	APR. 9, 1984	57.75	JULY 1, 1984	60.48

302654091101101 LOCAL WELL NUMBER: EB-500

OWNER: RED STICK LINEN SERVICE. (SEC. 46, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 IN, ESTIMATED DEPTH 710 FT, SCREENED 663-710. MP TOP OF 2-IN NIPPLE IN STEEL LINER, 2.54 FT ABOVE LSD.
LSD 57.00 FT NGVD.
HIGHEST WATER LEVEL 69.31 BELOW LSD, MAY 6, 1982,
LOWEST WATER LEVEL 145.67 BELOW LSD, OCT. 16, 1948.
RECORDS AVAILABLE 1948, 1962, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	86.95	MAY 2, 1984	76.46	MAY 9, 1984	77.81		

303115091113701 LOCAL WELL NUMBER: EB-517C

OWNER: SOUTHERN UNIVERSITY. (SEC. 50, T. 6S., R. 1W.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 2,590 FT, SCREENED 2,510-2,590. MP TOP OF 1/2-IN HOLE IN SANITARY SEAL, 1.48 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 64.70 ABOVE LSD, AUG. 21, 1953,
LOWEST WATER LEVEL 59.39 BELOW LSD, OCT. 31, 1980.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	49.42	JAN. 19, 1984	49.19	APR. 13, 1984	47.20	JULY 12, 1984	49.70

302149091101401 LOCAL WELL NUMBER: EB-575

OWNER: LOUISIANA STATE UNIVERSITY. (SEC. 68, T. 8S., R. 1W.) DRILLED IRRIGATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 TO 10 TO 6 IN, DEPTH 2,500 FT, SCREENED 2,440-2,500. MP CENTERLINE OF DISCHARGE PIPE, 3.40 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 70.00 ABOVE LSD, MAY 1, 1955,
LOWEST WATER LEVEL 5.10 ABOVE LSD, APR. 15, 1983.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	+5.40	MAY 7, 1984	+6.15				

See footnotes at end of table.

303904091093102 LOCAL WELL NUMBER: EB-578B

OWNER: CITY OF ZACHARY. (SEC. 81, T. 4S., R. 1W.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 TO 6 TO 4 1/2 IN, DEPTH 2,132 FT, SCREENED 2,052-2,132. MP TOP INSIDE EDGE OF VALVE, 1.77 FT ABOVE LSD.
LSD 103.00 FT NGVD.
HIGHEST WATER LEVEL 9.00 ABOVE LSD, OCT. 17, 1957,
LOWEST WATER LEVEL 98.83 BELOW LSD, JAN. 27, 1982.
RECORDS AVAILABLE 1957, 1960, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	91.63	JAN. 18, 1984	86.19	APR. 9, 1984	85.59	JULY 9, 1984	87.30

303440090592703 LOCAL WELL NUMBER: EB-581

OWNER: GREENWELL SPRINGS HOSPITAL. (SEC. 49, T. 5S., R. 2E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 8 TO 6 IN, DEPTH 2,590 FT, SCREENED 2,540-2,590. MP TOP OF 1-IN PIPE ON SIDE OF 8-IN CASING, 1.90 FT ABOVE LSD.
LSD 67.00 FT NGVD.
HIGHEST WATER LEVEL 54.40 ABOVE LSD, MAY 25, 1956,
LOWEST WATER LEVEL 45.79 BELOW LSD, JAN. 27, 1981.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	36.70	JAN. 18, 1984	34.85	APR. 12, 1984	32.70	JULY 16, 1984	35.89

304141090585301 LOCAL WELL NUMBER: EB-647

OWNER: EAST BATON ROUGE PARISH SCHOOL BOARD. (SEC. 14, T. 4S., R. 2E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 4 IN, DEPTH 1,950 FT, SCREENED 1,910-1,950. MP BOTTOM EDGE OF 3/4-IN COLLAR WELDED ON SIDE OF CASING, 1.28 FT ABOVE LSD.
LSD 107.00 FT NGVD.
HIGHEST WATER LEVEL 15.20 ABOVE LSD, JAN. 7, 1958,
LOWEST WATER LEVEL 81.92 BELOW LSD, OCT. 8, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	77.72	JAN. 18, 1984	77.31	APR. 11, 1984	77.46		

303154091083901 LOCAL WELL NUMBER: EB-652

OWNER: GREATER BATON ROUGE AIRPORT DISTRICT. (SEC. 90, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,345 FT, SCREENED 1,264-1,345. MP BREATHER-PIPE HOLE IN SANITARY SEAL, 0.43 FT ABOVE LSD.
LSD 68.00 FT NGVD.
HIGHEST WATER LEVEL 45.42 BELOW LSD, APR. 29, 1958,
LOWEST WATER LEVEL 137.31 BELOW LSD, JULY 22, 1981.
RECORDS AVAILABLE 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	126.77	JAN. 19, 1984	128.45	APR. 13, 1984	121.85	JULY 12, 1984	118.29

303350091100901 LOCAL WELL NUMBER: EB-685

OWNER: BATON ROUGE RECREATION AND PARK COMMISSION. (SEC. 53, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 TO 3 IN, DEPTH 1,640 FT, SCREENED 1,580-1,640. MP HOLE IN CENTER OF 6-IN PLUG ATOP CASING, 1.73 FT ABOVE LSD.
LSD 65.00 FT NGVD.
HIGHEST WATER LEVEL 48.95 BELOW LSD, APR. 30, 1959,
LOWEST WATER LEVEL 184.37 BELOW LSD, NOV. 15, 1972.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	159.67	JAN. 19, 1984	158.02	APR. 13, 1984	158.64	JULY 16, 1984	158.58

EAST BATON ROUGE PARISH

302414091032601 LOCAL WELL NUMBER: EB-745

OWNER: DOLESE CONCRETE CO. (SEC. 58, T. 7S., R. 2E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 6 TO 4 IN, DEPTH 503 FT, SCREENED 483-503. MP LOWER EDGE 2-IN PIPE WELDED TO CASING, 2.27 FT ABOVE LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 27.00 BELOW LSD, MAY 4, 1958,
LOWEST WATER LEVEL 47.33 BELOW LSD, MAY 9, 1984.
RECORDS AVAILABLE 1958, 1970, 1972, 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 15, 1984	42.98	MAY 9, 1984	47.33				

302509091082701 LOCAL WELL NUMBER: EB-778

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,586 FT, SCREENED 2,581-2,586. MP TOP OF CASING, 0.75 FT BELOW LSD (SINCE 11/30/83).
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 40.10 ABOVE LSD, MAR. 16, 1965,
LOWEST WATER LEVEL 2.51 BELOW LSD, OCT. 25, 1982.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	+1.69	FEB. 15, 1984	1.75	MAY 2, 1984	0.25	JULY 19, 1984	2.35
DEC. 20	0.33						

302509091082702 LOCAL WELL NUMBER: EB-780A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,622 FT, SCREENED 1,617-1,622. MP TOP OF 4-IN CASING, 0.93 FT ABOVE LSD (SINCE 11/30/83).
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 2.26 ABOVE LSD, JAN. 12, 1966,
LOWEST WATER LEVEL 32.03 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	28.03	FEB. 15, 1984	30.22	MAY 2, 1984	28.82	JULY 19, 1984	30.07
DEC. 20	28.17						

302509091082703 LOCAL WELL NUMBER: EB-780B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,913 FT, SCREENED 1,908-1,913. MP TOP OF 4-IN CASING, 0.93 FT ABOVE LSD (SINCE 11/30/83).
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 8.58 ABOVE LSD, APR. 23, 1965,
LOWEST WATER LEVEL 26.79 BELOW LSD, OCT. 25, 1982.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	23.84	FEB. 15, 1984	25.47	MAY 2, 1984	24.12	JULY 19, 1984	25.77
DEC. 20	23.82						

302535091090401 LOCAL WELL NUMBER: EB-781

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP EDGE OF 2-IN STEEL AIRLINE, 2.82 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 119.12 BELOW LSD, MAR. 15, 1966,
LOWEST WATER LEVEL 241.60 BELOW LSD, AUG. 14, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	201.83	FEB. 13, 1984	211.03	MAY 2, 1984	213.58	JULY 19, 1984	200.18
DEC. 9	199.18						

See footnotes at end of table.

302535091090402 LOCAL WELL NUMBER: EB-782A

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,189 FT, SCREENED 1,184-1,189. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.00 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 18.54 BELOW LSD, MAY 19, 1975,
LOWEST WATER LEVEL 26.75 BELOW LSD, OCT. 22, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	23.05	FEB. 13, 1984	23.40	MAY 2, 1984	21.50	JULY 19, 1984	21.80
DEC. 9	22.90						

302535091090403 LOCAL WELL NUMBER: EB-782B

OWNER: U. S. GEOL. SURVEY. (SEC. 94, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1,681 FT, SCREENED 1,676-1,681. MP TOP EDGE OF 5/8-IN PIPE IN CAP, 2.00 FT ABOVE LSD.
LSD 28.00 FT NGVD.
HIGHEST WATER LEVEL 49.35 BELOW LSD, JAN. 20, 1966,
LOWEST WATER LEVEL 119.00 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	104.10	FEB. 13, 1984	107.15	MAY 2, 1984	107.10	JULY 19, 1984	109.15
DEC. 9	103.30						

302502091113601 LOCAL WELL NUMBER: EB-783A

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 2,179 FT, SCREENED 2,174-2,179. MP TOP EDGE 1/2-IN HOLE IN SANITARY SEAL, 2.02 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 16.20 ABOVE LSD, MAR. 1, 1966,
LOWEST WATER LEVEL 58.93 BELOW LSD, FEB. 15, 1984.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	56.18	FEB. 15, 1984	58.93	MAY 7, 1984	55.28	JULY 19, 1984	58.08
DEC. 15	53.68						

302502091113602 LOCAL WELL NUMBER: EB-783B

OWNER: U. S. GEOL. SURVEY. (SEC. 54, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,675 FT, SCREENED 2,670-2,675. MP TOP OF 2-IN LINER, 2.56 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 54.90 ABOVE LSD, MAR. 1, 1966,
LOWEST WATER LEVEL 40.45 BELOW LSD, JULY 22, 1977.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	+8.91	FEB. 15, 1984	+10.36	MAY 7, 1984	+15.60	JULY 19, 1984	+10.36
DEC. 15	+11.16						

302511091070401 LOCAL WELL NUMBER: EB-789A

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 711 FT, SCREENED 707-711. MP HOLE IN SANITARY SEAL, 0.61 FT ABOVE LSD.
LSD 37.00 FT NGVD.
HIGHEST WATER LEVEL 9.50 BELOW LSD, MAY 17, 1979,
LOWEST WATER LEVEL 33.02 BELOW LSD, NOV. 14, 1966.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	29.44	MAY 2, 1984	12.89	MAY 15, 1984	13.01	JULY 19, 1984	20.04
FEB. 13, 1984	24.39						

See footnotes at end of table.

302511091070402 LOCAL WELL NUMBER: EB-789B

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,721 FT, SCREENED 1,717-1,721. MP TOP OF 2-IN LINER, 0.88 FT ABOVE LSD.
LSD 37.00 FT NGVD.
HIGHEST WATER LEVEL 6.15 BELOW LSD, MAR. 4, 1966,
LOWEST WATER LEVEL 40.32 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	39.22	MAY 2, 1984	38.37	MAY 15, 1984	38.60	JULY 19, 1984	40.12
FEB. 13, 1984	39.37						

302605091080602 LOCAL WELL NUMBER: EB-792B

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,286 FT, SCREENED 2,282-2,286. MP TOP OF AIRLINE IN 2-IN LINER, 2.39 FT ABOVE LSD.
LSD 45.00 FT NGVD.
HIGHEST WATER LEVEL 121.92 BELOW LSD, MAR. 28, 1966,
LOWEST WATER LEVEL 239.60 BELOW LSD, JULY 27, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	204.11	FEB. 15, 1984	212.61	MAY 7, 1984	208.11	JULY 19, 1984	201.11

302719091103201 LOCAL WELL NUMBER: EB-793

OWNER: U. S. GEOL. SURVEY. (SEC. 71, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 687 FT, SCREENED 683-687. MP TOP EDGE OF 2-IN LINER, 2.00 FT ABOVE LSD.
LSD 35.30 FT NGVD.
HIGHEST WATER LEVEL 49.54 BELOW LSD, JUNE 2, 1982,
LOWEST WATER LEVEL 121.55 BELOW LSD, OCT. 21, 1968.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	69.89	JAN. 20, 1984	60.80	MAY 9, 1984	55.37	AUG. 14, 1984	60.80
NOV. 25	64.74	MAR. 2	59.32	MAY 23	54.10	SEP. 6	64.85
DEC. 16	59.45	APR. 11	56.35	JULY 5	57.47		

302559091110801 LOCAL WELL NUMBER: EB-794

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,709 FT, SCREENED 2,705-2,709. MP TOP EDGE OF 3/4-IN PVC AIRLINE, 3.00 FT ABOVE LSD.
LSD 50.18 FT NGVD.
HIGHEST WATER LEVEL 113.28 BELOW LSD, JULY 27, 1965,
LOWEST WATER LEVEL 204.76 BELOW LSD, JULY 13, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	163.30	FEB. 15, 1984	173.10	MAY 7, 1984	165.10	JULY 19, 1984	167.40
DEC. 13	166.50						

302306091022601 LOCAL WELL NUMBER: EB-803A

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,975 FT, SCREENED 1,971-1,975. MP TOP EDGE OF 3/8-IN OPENING IN BUSHING IN SANITARY SEAL, 2.11 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 15.30 ABOVE LSD, MAY 18, 1966,
LOWEST WATER LEVEL 17.69 BELOW LSD, OCT. 22, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	17.05	DEC. 1, 1983	17.09	MAY 2, 1984	16.59		

302306091022602 LOCAL WELL NUMBER: EB-803B

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 8S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,565 FT, SCREENED 2,561-2,565. MP TOP EDGE OF 4-IN TEE, 1.65 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 53.10 ABOVE LSD, APR. 4, 1966,
LOWEST WATER LEVEL 11.60 ABOVE LSD, MAY 7, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	+19.80	DEC. 1, 1983	+19.40	MAY 2, 1984	+21.60		

302428091035001 LOCAL WELL NUMBER: EB-804A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,950 FT, SCREENED 1,946-1,950. MP TOP OF 4-IN CASING, 1.57 FT ABOVE LSD.
LSD 46.00 FT NGVD.
HIGHEST WATER LEVEL 44.34 BELOW LSD, JUNE 9, 1967,
LOWEST WATER LEVEL 99.36 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	88.89	DEC. 7, 1983	88.98	MAY 2, 1984	86.48		

302428091035002 LOCAL WELL NUMBER: EB-804B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,762 FT, SCREENED 2,758-2,762. MP TOP OF 2-IN LINER, 2.37 FT ABOVE LSD (SINCE 12/7/83).
LSD 46.00 FT NGVD.
HIGHEST WATER LEVEL 32.45 BELOW LSD, MAY 6, 1966, MAY 18, 1966,
LOWEST WATER LEVEL 103.10 BELOW LSD, NOV. 10, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	83.22	DEC. 7, 1983	84.17	MAY 2, 1984	85.78		

302428091035003 LOCAL WELL NUMBER: EB-805

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 70, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,072 FT, SCREENED 1,068-1,072. MP TOP OF 1/2-IN HOLE IN CAP, 1.25 FT ABOVE LSD.
LSD 46.00 FT NGVD.
HIGHEST WATER LEVEL 40.04 BELOW LSD, JUNE 9, 1967,
LOWEST WATER LEVEL 59.78 BELOW LSD, NOV. 14, 1983.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	59.78	DEC. 7, 1983	58.79	MAY 2, 1984	56.30		

302702091103902 LOCAL WELL NUMBER: EB-806B

OWNER: U. S. GEOL. SURVEY. (SEC. 72, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,579 FT, SCREENED 2,575-2,579. MP TOP EDGE OF 1 1/2-IN NIPPLE, 1.83 FT ABOVE LSD.
LSD 46.50 FT NGVD.
HIGHEST WATER LEVEL 119.03 BELOW LSD, MAY 19, 1966,
LOWEST WATER LEVEL 204.05 BELOW LSD, JULY 12, 1979.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	163.32	FEB 13, 1984	173.67	MAY 2, 1984	166.27	JULY 19, 1984	167.67

See footnotes at end of table.

EAST BATON ROUGE PARISH

302611091091201 LOCAL WELL NUMBER: EB-807A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,713 FT, SCREENED 1,709-1,713. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 34.86 FT NGVD.
HIGHEST WATER LEVEL 63.76 BELOW LSD, APR. 24, 1969.
LOWEST WATER LEVEL 129.89 BELOW LSD, JAN. 19, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	115.22	FEB. 13, 1984	111.05	MAY 2, 1984	118.50	JULY 19, 1984	102.95
DEC. 20	109.51						

302611091091202 LOCAL WELL NUMBER: EB-807B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 96, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,264 FT, SCREENED 2,260-2,264. MP TOP OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 34.86 FT NGVD.
HIGHEST WATER LEVEL 132.14 BELOW LSD, MAY 19, 1966.
LOWEST WATER LEVEL 249.90 BELOW LSD, JULY 27, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	207.00	FEB. 13, 1984	216.00	MAY 2, 1984	216.50	JULY 19, 1984	205.50
DEC. 19	206.10						

302501091101202 LOCAL WELL NUMBER: EB-819

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 67, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 322 FT, SCREENED 316-322. MP TOP OF CASING, 0.59 FT ABOVE LSD.
LSD 25.68 FT NGVD.
HIGHEST WATER LEVEL 9.60 ABOVE LSD, APR. 16, 1973, APR. 17, 1973.
LOWEST WATER LEVEL 20.40 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	9.06	MAY 7, 1984	+4.99	MAY 10, 1984	+5.19		

302510091105001 LOCAL WELL NUMBER: EB-820

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("SHALLOW PLEISTOCENE" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 259 FT, SCREENED 253-259. MP TOP OF CASING, 0.71 FT ABOVE LSD.
LSD 22.24 FT NGVD.
HIGHEST WATER LEVEL 14.10 ABOVE LSD, APR. 27, 1979.
LOWEST WATER LEVEL 17.74 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	13.84	MAY 7, 1984	+8.21	MAY 10, 1984	+7.91		

302510091105003 LOCAL WELL NUMBER: EB-822

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 7S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 573 FT, SCREENED 567-573. MP TOP OF COLLAR WELDED ON CASING, 0.58 FT ABOVE LSD.
LSD 22.60 FT NGVD.
HIGHEST WATER LEVEL 12.30 ABOVE LSD, APR. 27, 1979.
LOWEST WATER LEVEL 19.48 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	17.97	DEC. 9, 1983	3.78	MAY 7, 1984	+6.58	MAY 10, 1984	+6.38

See footnotes at end of table.

302553091092001 LOCAL WELL NUMBER: EB-824

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 581 FT, SCREENED 575-581. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 33.56 FT NGVD.
HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 3, 1982,
LOWEST WATER LEVEL 90.29 BELOW LSD, OCT. 23, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	53.95	MAY 2, 1984	45.60	MAY 9, 1984	45.44	JULY 19, 1984	47.05
FEB. 8, 1984	50.80						

302553091092002 LOCAL WELL NUMBER: EB-825

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 96, T. 7S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 475 FT, SCREENED 469-475. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 33.57 FT NGVD.
HIGHEST WATER LEVEL 32.57 BELOW LSD, MAY 6, 1975,
LOWEST WATER LEVEL 63.45 BELOW LSD, NOV. 8, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	40.92	MAY 2, 1984	37.70	MAY 9, 1984	37.72	JULY 19, 1984	39.10
FEB. 8, 1984	39.70						

303023091075601 LOCAL WELL NUMBER: EB-826

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 40, T. 6S., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 350 FT, SCREENED 344-350. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 56.77 FT NGVD.
HIGHEST WATER LEVEL 55.40 BELOW LSD, MAY 6, 1975,
LOWEST WATER LEVEL 103.18 BELOW LSD, NOV. 1, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	62.92	FEB. 13, 1984	60.70	MAY 9, 1984	57.15	JULY 19, 1984	59.35

303356091095301 LOCAL WELL NUMBER: EB-827

OWNER: LOUISIANA WATER RESOURCES RESEARCH INSTITUTE. (SEC. 54, T. 5S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 370 FT, SCREENED 364-370. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 63.96 FT NGVD.
HIGHEST WATER LEVEL 38.82 BELOW LSD, MAY 15, 1979,
LOWEST WATER LEVEL 68.13 BELOW LSD, NOV. 1, 1968.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	54.03	APR. 13, 1984	42.96	MAY 18, 1984	40.11	JULY 16, 1984	44.68
JAN. 19, 1984	47.65						

303912091150801 LOCAL WELL NUMBER: EB-849

OWNER: GEORGIA-PACIFIC CORP. (SEC. 31, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1,380 FT, SCREENED 1,250-1,270 AND 1,350-1,380. MP TOP OF CASING, 1.70 FT ABOVE LSD.
LSD 91.00 FT NGVD.
HIGHEST WATER LEVEL 47.79 BELOW LSD, FEB. 22, 1966,
LOWEST WATER LEVEL 139.14 BELOW LSD, OCT. 29, 1980.
RECORDS AVAILABLE 1966, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	130.96	JAN. 18, 1984	131.63	APR. 9, 1984	130.03	JULY 9, 1984	131.84

EAST BATON ROUGE PARISH

302919091020601   LOCAL WELL NUMBER: EB-866

OWNER: SOUTH CENTRAL BELL TEL. CO. (SEC. 52, T. 6S., R. 2E.) DRILLED COMMERCIAL ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 400 FT, SCREENED 380-400. MP TOP OF CASING, 0.75 FT ABOVE LSD.
LSD 49.00 FT NGVD.
HIGHEST WATER LEVEL 20.00 BELOW LSD, NOV. 9, 1979,
LOWEST WATER LEVEL 43.11 BELOW LSD, MAY 9, 1984.
RECORDS AVAILABLE 1970, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	37.25	MAY 9, 1984	43.11				

302729091100601   LOCAL WELL NUMBER: EB-870

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 692 FT, SCREENED 687-692. MP TOP OF CASING, AT LSD.
LSD 50.00 FT NGVD.
HIGHEST WATER LEVEL 65.18 BELOW LSD, JUNE 2, 1982,
LOWEST WATER LEVEL 142.48 BELOW LSD, OCT. 5, 1971.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	88.89	JAN. 19, 1984	78.85	MAY 9, 1984	73.65	AUG. 14, 1984	79.20
NOV. 21	83.03	MAR. 2	77.75	MAY 23	72.28	SEP. 6	83.52
DEC. 16	77.30	APR. 11	74.73	JULY 5	76.00		

303905090583301   LOCAL WELL NUMBER: EB-896

OWNER: U. S. GEOL. SURVEY. (SEC. 51, T. 4S., R. 2E.) BORED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 73 FT, SCREENED 70-73. MP TOP OF 1 1/4-IN CASING, 3.92 FT ABOVE LSD.
LSD 82.00 FT NGVD.
HIGHEST WATER LEVEL 15.17 BELOW LSD, APR. 22, 1974,
LOWEST WATER LEVEL 18.31 BELOW LSD, OCT. 4, 1982.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	16.41	APR. 11, 1984	15.79	MAY 10, 1984	16.25	JULY 11, 1984	16.91
JAN. 18, 1984	16.24						

302614091083001   LOCAL WELL NUMBER: EB-917

OWNER: U. S. GEOL. SURVEY. (SEC. 95, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,736 FT, SCREENED 1,731-1,736. MP TOP OF 4-IN CASING, AT LSD.
LSD 46.56 FT NGVD.
HIGHEST WATER LEVEL 116.98 BELOW LSD, APR. 10, 1978,
LOWEST WATER LEVEL 139.58 BELOW LSD, OCT. 2, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	123.53	FEB. 15, 1984	126.80	MAY 7, 1984	125.30	JULY 19, 1984	127.50
DEC. 19	121.50						

302547091074401   LOCAL WELL NUMBER: EB-918

OWNER: U. S. GEOL. SURVEY. (SEC. 91, T. 7S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,834 FT, SCREENED 1,829-1,834. MP TOP EDGE OF 4-IN COLLAR, AT LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 103.15 BELOW LSD, DEC. 12, 1973,
LOWEST WATER LEVEL 127.22 BELOW LSD, OCT. 14, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	112.78	FEB. 13, 1984	115.75	MAY 2, 1984	114.45	JULY 19, 1984	117.05
DEC. 7	112.15						

302955091060601 LOCAL WELL NUMBER: EB-933

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 592-603. MP TOP OF 2-IN CASING, 1.30 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 49.36 BELOW LSD, MAY 3, 1982,
LOWEST WATER LEVEL 67.84 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	55.25	MAY 9, 1984	50.75				

302955091060501 LOCAL WELL NUMBER: EB-934

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 385 FT, SCREENED 372-385. MP TOP OF 2-IN CASING, 1.10 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 40.08 BELOW LSD, MAY 22, 1975,
LOWEST WATER LEVEL 55.98 BELOW LSD, NOV. 18, 1977.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	45.75	MAY 9, 1984	44.80				

302932091101901 LOCAL WELL NUMBER: EB-944

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2,792 FT, SCREENED 2,762-2,792. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 1.63 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 33.53 BELOW LSD, FEB. 4, 1975,
LOWEST WATER LEVEL 52.25 BELOW LSD, FEB. 22, 1980.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	37.55	DEC. 15, 1983	35.96	FEB. 16, 1984	37.67	APR. 16, 1984	36.92
NOV. 15	37.52	JAN. 17, 1984	38.16	MAR. 16	37.70	MAY 15	37.57

302932091101902 LOCAL WELL NUMBER: EB-945

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 654 FT, SCREENED 644-654. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.27 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 79.79 BELOW LSD, JUNE 1, 1982,
LOWEST WATER LEVEL 158.05 BELOW LSD, AUG. 26, 1976.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	110.62	JAN. 17, 1984	98.85	MAR. 16, 1984	94.98	MAY 15, 1984	93.17
NOV. 15	103.09	FEB. 16	98.13	APR. 16	95.31	MAY 18	90.93
DEC. 15	95.26						

302932091101903 LOCAL WELL NUMBER: EB-946

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,234 FT, SCREENED 1,224-1,234. MP TOP INSIDE EDGE OF SIDE OPENING OF 2-IN TEE ON LINER, 2.02 FT ABOVE LSD.
LSD 59.00 FT NGVD.
HIGHEST WATER LEVEL 133.82 BELOW LSD, MAR. 3, 1983,
LOWEST WATER LEVEL 193.08 BELOW LSD, OCT. 2, 1978.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	153.23	DEC. 15, 1983	136.04	FEB. 16, 1984	152.84	APR. 16, 1984	150.40
NOV. 15	146.66	JAN. 17, 1984	146.89	MAR. 16	152.28	MAY 15	150.82

EAST BATON ROUGE PARISH

303251091115001 LOCAL WELL NUMBER: EB-1000

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,926 FT, SCREENED 2,916-2,926. MP TOP EDGE OF 2 1/2-IN COLLAR, AT LSD.
LSD 68.00 FT NGVD.
HIGHEST WATER LEVEL 45.06 BELOW LSD, DEC. 19, 1977.
LOWEST WATER LEVEL 57.53 BELOW LSD, FEB. 26, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	48.56	JAN. 19, 1984	49.55	APR. 13, 1984	47.53		

302238091102501 LOCAL WELL NUMBER: EB-1015

OWNER: U. S. GEOL. SURVEY. (SEC. 74, T. 8S., R. 1W.) BORED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 171 FT, SCREENED 166-171. MP TOP EDGE OF 1 1/4-IN TO 3/4-IN REDUCER ATOP CASING, 2.39 FT ABOVE LSD.
LSD 24.78 FT NGVD.
HIGHEST WATER LEVEL 4.39 ABOVE LSD, MAY 7, 1984.
LOWEST WATER LEVEL 19.83 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 16, 1983	16.21	FEB. 15, 1984	9.16	MAY 7, 1984	+4.39	JULY 19, 1984	5.61

302919091020501 LOCAL WELL NUMBER: EB-1019

OWNER: U. S. GEOL. SURVEY. (SEC. 52, T. 6S., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 700 FT, SCREENED 690-700. MP TOP OF 2-IN CASING, AT LSD.
LSD 49.00 FT NGVD.
HIGHEST WATER LEVEL 38.70 BELOW LSD, APR. 12, 1983.
LOWEST WATER LEVEL 41.34 BELOW LSD, DEC. 19, 1979.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	41.10	MAY 9, 1984	40.80				

302605091100901 LOCAL WELL NUMBER: EB-1028

OWNER: U. S. GEOL. SURVEY. (SEC. 53, T. 7S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2,238 FT, SCREENED 2,223-2,238. MP TOP EDGE 1-IN AIRLINE COLLAR, 0.30 FT BELOW LSD.
LSD 40.00 FT NGVD.
HIGHEST WATER LEVEL 212.80 BELOW LSD, APR. 15, 1983.
LOWEST WATER LEVEL 245.19 BELOW LSD, JULY 23, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 14, 1983	218.75	DEC. 22, 1983	216.80	FEB. 8, 1984	229.20	JULY 20, 1984	217.30
DEC. 13	216.00	JAN. 5, 1984	226.73	MAY 2	222.80		

EAST CARROLL PARISH

324040091110801 LOCAL WELL NUMBER: EC-55

OWNER: ELTON FORTENBERRY. (SEC. 38, T. 20N., R. 12E.) DRILLED IRRIGATION SEMIARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 114 FT, SCREENED 74-114. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 97.00 FT NGVD.
HIGHEST WATER LEVEL 0.26 BELOW LSD, MAY 16, 1973.
LOWEST WATER LEVEL 29.63 BELOW LSD, JUNE 22, 1964.
RECORDS AVAILABLE 1955, 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 16, 1983	18.79	MAR. 18, 1984	16.45	JUNE 1, 1984	5.58	SEP. 25, 1984	14.57

See footnotes at end of table.

BEST COPY AVAILABLE

EAST CARROLL PARISH

325100091132401 LOCAL WELL NUMBER: EC-89

OWNER: U. S. GEOL. SURVEY. (SEC. 41, T. 22N., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 4 TO 2 IN, DEPTH 335 FT, SCREENED 330-335. MP TOP OF CASING, 0.72 FT ABOVE LSD.
LSD 106.05 FT NGVD.
HIGHEST WATER LEVEL 13.53 BELOW LSD, MAY 14, 1958,
LOWEST WATER LEVEL 23.55 BELOW LSD, SEP. 3, 1980.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 20, 1983	16.49	MAR. 27, 1984	15.51	JUNE 1, 1984	16.25	SEP. 24, 1984	19.27

325100091132402 LOCAL WELL NUMBER: EC-90

OWNER: U. S. GEOL. SURVEY. (SEC. 41, T. 22N., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 88 FT, SCREENED 83-88. MP TOP OF CASING, 0.75 FT ABOVE LSD.
LSD 106.05 FT NGVD.
HIGHEST WATER LEVEL 13.31 BELOW LSD, MAR. 22, 1973,
LOWEST WATER LEVEL 23.79 BELOW LSD, AUG. 18, 1981.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 20, 1983	19.03	MAR. 27, 1984	16.45	JUNE 1, 1984	16.75	SEP. 25, 1984	22.04

EAST FELICIANA PARISH

305144091010901 LOCAL WELL NUMBER: EF-61

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN ZONE 1 AQUIFER OF PLIOCENE AGE, DIAM 6 IN, REPORTED DEPTH 305 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1/2-IN HOLE IN COVER, 1.00 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 63.76 BELOW LSD, MAY 16, 1961,
LOWEST WATER LEVEL 83.56 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	81.70	JAN. 18, 1984	81.39	APR. 9, 1984	81.32		

305152091010201 LOCAL WELL NUMBER: EF-73B

OWNER: TOWN OF CLINTON. (SEC. 83, T. 2S., R. 2E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 1966 FT, SCREENED 1688-1718,1773-1795,1862-1872, 1880-1900,1917-1929, AND 1948-1966. MP TOP EDGE OF BREATHER HOLE IN PLATE ATOP 12-IN CASING, 1.62 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 93.01 BELOW LSD, MAR. 5, 1959,
LOWEST WATER LEVEL 134.08 BELOW LSD, APR. 19, 1982.
RECORDS AVAILABLE 1959-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	131.63	JAN. 17, 1984	132.97	APR. 9, 1984	131.58		

304959091093001 LOCAL WELL NUMBER: EF-185

OWNER: E. LOUISIANA STATE HOSPITAL. (SEC. 45, T. 2S., R. 1E.) DRILLED INSTITUTIONAL ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 14 TO 12 TO 10 IN, REPORTED DEPTH 1514 FT, SCREENED 1469-1514. MP LOWER EDGE OF 1-IN ACCESS PIPE, 1.48 FT ABOVE LSD.
LSD 228.00 FT NGVD.
HIGHEST WATER LEVEL 118.54 BELOW LSD, MAY 16, 1961,
LOWEST WATER LEVEL 197.54 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	176.48	JAN. 18, 1984	185.86	JULY 9, 1984	188.25A		

See footnotes at end of table.

EAST FELICIANA PARISH

304309091083201 LOCAL WELL NUMBER: EF-223

OWNER: TOWN OF SLAUGHTER. (SEC. 7, T. 4S., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2000 FT, SCREENED 1935-2000. MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 100.85 BELOW LSD, JULY 21, 1983,
LOWEST WATER LEVEL 126.80 BELOW LSD, OCT. 30, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	109.33	JAN. 18, 1984	109.80	APR. 9, 1984	109.40		

305052091060001 LOCAL WELL NUMBER: EF-241

OWNER: P. CRAIN. (SEC. 27, T. 2S., R. 1E.) BORED DOMESTIC WATER-TABLE WELL IN QUATERNARY UPLAND DEPOSITS OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 96 FT, OPEN END CASING. MP TOP INSIDE EDGE OF 8-IN CONCRETE CASING, 0.60 FT ABOVE LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 66.43 BELOW LSD, JAN. 18, 1984,
LOWEST WATER LEVEL 73.48 BELOW LSD, MAY 7, 1979.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	70.38	JAN. 18, 1984	66.43	APR. 9, 1984	66.66	MAY 18, 1984	70.58

EVANGELINE PARISH

304120092263001 LOCAL WELL NUMBER: EV-229

OWNER: CHESTLEY FONTENOT. (SEC. 25, T. 4S., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 18 TO 12 IN, DEPTH 231 FT, SCREENED 149-231. MP FLOOR OF SHELTER HOUSE, 0.85 FT ABOVE LSD.
LSD 65.66 FT NGVD.
HIGHEST WATER LEVEL 45.52 BELOW LSD, APR. 18, 1951,
LOWEST WATER LEVEL 108.60 BELOW LSD, JUNE 10, 1982.
RECORDS AVAILABLE 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	86.21	JAN. 5, 1984	82.53	APR. 5, 1984	89.97	JULY 5, 1984	95.48
OCT. 10	86.98	JAN. 10	82.11	APR. 10	89.45	JULY 10	94.62
OCT. 12	86.15H	JAN. 15	82.18	APR. 15	88.71	JULY 15	96.57
OCT. 15	85.92	JAN. 20	82.17	APR. 20	90.80	JULY 20	99.40
OCT. 20	85.53	JAN. 25	81.79	APR. 25	91.85	JULY 24	97.65H
OCT. 25	85.30E	JAN. 26	81.72H	APR. 27	93.71H	JULY 25	97.58
NOV. 1	85.01H	JAN. 31	81.70	APR. 30	94.58	JULY 31	94.81
NOV. 5	85.31	FEB. 5	81.36	MAY 5	100.66	AUG. 5	92.27
NOV. 10	85.24	FEB. 10	81.30	MAY 10	100.75	AUG. 10	90.61
NOV. 15	84.61	FEB. 15	80.92	MAY 15	101.34	AUG. 15	89.63
NOV. 20	84.17	FEB. 20	80.96	MAY 20	99.75	AUG. 20	89.52
NOV. 25	84.06	FEB. 24	80.80H	MAY 25	95.34	AUG. 23	90.67H
NOV. 28	83.75H	FEB. 25	80.79	MAY 31	98.14	AUG. 25	89.35
NOV. 30	83.76	FEB. 29	80.80	JUNE 1	100.80H	AUG. 31	88.91
DEC. 5	83.37	MAR. 5	80.44	JUNE 5	101.80	SEP. 5	88.12
DEC. 10	83.34	MAR. 10	80.65	JUNE 10	96.97	SEP. 10	88.86
DEC. 15	83.02	MAR. 15	80.48	JUNE 15	98.41	SEP. 15	89.31
DEC. 20	83.17	MAR. 20	81.27	JUNE 20	98.51	SEP. 20	90.26
DEC. 25	83.28	MAR. 21	82.52H	JUNE 25	99.25	SEP. 25	88.06
DEC. 29	82.91H	MAR. 25	88.13	JUNE 30	99.60	SEP. 30	87.28
DEC. 31	83.02	MAR. 31	89.82				

See footnotes at end of table.

GRANT PARISH

312703092224801 LOCAL WELL NUMBER: G-127B

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 6N., R. 1E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 97 FT, SCREENED 93-97. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 231.36 FT NGVD.
HIGHEST WATER LEVEL 66.31 BELOW LSD, JULY 23, 1980,
LOWEST WATER LEVEL 72.43 BELOW LSD, JAN. 25, 1972.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	68.02	FEB. 29, 1984	68.47	JUNE 1, 1984	67.44	JULY 27, 1984	67.38
DEC. 1	68.23	MAR. 29	68.05	JUNE 25	67.42	SEP. 4	67.56
JAN. 3, 1984	68.30	APR. 25	67.58				

313119092254001 LOCAL WELL NUMBER: G-262

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 6N., R. 1W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/2 IN, DEPTH 65 FT, SCREENED 62-65. MP TOP OF CASING, 3.30 FT ABOVE LSD.
LSD 178.73 FT NGVD.
HIGHEST WATER LEVEL 35.55 BELOW LSD, APR. 30, 1974,
LOWEST WATER LEVEL 45.15 BELOW LSD, DEC. 23, 1977.
RECORDS AVAILABLE 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1984	38.23	APR. 3, 1984	36.38	JUNE 25, 1984	36.79	SEP. 17, 1984	37.92

314200092465101 LOCAL WELL NUMBER: G-305

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 8N., R. 4W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 40 FT, SCREENED 37-40. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 10.58 BELOW LSD, JUNE 3, 1983,
LOWEST WATER LEVEL 20.85 BELOW LSD, MAR. 3, 1982.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 13, 1984	14.49	APR. 1, 1984	12.84	JULY 6, 1984	14.12	SEP. 18, 1984	15.98

313156092324101 LOCAL WELL NUMBER: G-314

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 7N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 99 FT, SCREENED 96-99. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 245.00 FT NGVD.
HIGHEST WATER LEVEL 47.65 BELOW LSD, JULY 7, 1975,
LOWEST WATER LEVEL 60.55 BELOW LSD, DEC. 15, 1982.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1984	54.67	JUNE 22, 1984	53.05	SEP. 25, 1984	52.69		

IBERVILLE PARISH

302920091311101 LOCAL WELL NUMBER: IB-9

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1180 FT, SCREENED INTERVAL UNKNOWN. MP LOWER EDGE OF 1/2-IN HOLE IN SIDE OF CASING, 0.80 FT ABOVE LSD.
LSD 23.00 FT NGVD.
HIGHEST WATER LEVEL 30.00 ABOVE LSD, DEC. 27, 1951,
LOWEST WATER LEVEL 32.40 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1951, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	29.15	APR. 16, 1984	29.40				

IBERVILLE PARISH

302919091311101 LOCAL WELL NUMBER: IB-29

OWNER: TOWN OF MARINGOUIN. (SEC. 29, T. 7S., R. 9E.) DRILLED UNUSED PUBLIC-SUPPLY WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 6 IN, DEPTH 1964 FT, SCREENED 1880-1964. MP HOLE IN SANITARY SEAL, 1.60 FT ABOVE LSD.
LSD 23.00 FT NGVD.
HIGHEST WATER LEVEL 58.90 ABOVE LSD, DEC. 15, 1951,
LOWEST WATER LEVEL 30.20 BELOW LSD, OCT. 7, 1982.
RECORDS AVAILABLE 1951, 1960, 1970, 1971, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	29.05	APR. 16, 1984	28.15				

JACKSON PARISH

321709092452401 LOCAL WELL NUMBER: JA-49

OWNER: STONE CONTAINER CORP. (SEC. 15, T. 15N., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 12 TO 8 IN, DEPTH 570 FT, SCREENED 542-570. MP TOP OF RECORDER SHELTER SHELF, 2.33 FT ABOVE LSD. (RECORDER REMOVED 10/3/83.)
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 114.16 BELOW LSD, JAN. 2, 1961,
LOWEST WATER LEVEL 193.86 BELOW LSD, OCT. 1, 1967.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	133.73	MAR. 28, 1984	142.18	JUNE 1, 1984	142.42	SEP. 24, 1984	136.35
DEC. 22	135.12						

321249092190402 LOCAL WELL NUMBER: JA-101B

OWNER: CHATHAM GIRL SCOUT CAMP. (SEC. 12, T. 14N., R. 1E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 IN, DEPTH 432 FT, SCREENED 412-432. MP HOLE IN TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 195.30 FT NGVD.
HIGHEST WATER LEVEL 151.70 BELOW LSD, MAY 11, 1966,
LOWEST WATER LEVEL 174.73 BELOW LSD, JUNE 13, 1967.
RECORDS AVAILABLE 1966-81, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 5, 1984	156.58						

321128092440801 LOCAL WELL NUMBER: JA-127

OWNER: STONE CONTAINER CORP. (SEC. 13, T. 14N., R. 4W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 IN, DEPTH 367 FT, SCREENED 357-367. MP TOP OF CASING, 1.80 FT ABOVE LSD.
LSD 242.15 FT NGVD.
HIGHEST WATER LEVEL 152.05 BELOW LSD, JULY 13, 1966,
LOWEST WATER LEVEL 162.67 BELOW LSD, JULY 25, 1973.
RECORDS AVAILABLE 1966, 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 22, 1983	156.95	MAR. 28, 1984	156.89	SEP. 26, 1984	157.14		

322357092341701 LOCAL WELL NUMBER: JA-147

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 16N., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 703 FT, SCREENED 693-703. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 209.06 BELOW LSD, MAY 14, 1975,
LOWEST WATER LEVEL 228.97 BELOW LSD, SEP. 18, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 22, 1983	227.71	APR. 25, 1984	227.96	JULY 24, 1984	228.79	SEP. 18, 1984	228.97
MAR. 28, 1984	227.51	JUNE 5	228.04	AUG. 28	228.74		

JACKSON PARISH

321338092345801 LOCAL WELL NUMBER: JA-148

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 14N., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 578 FT, SCREENED 568-578. MP TOP OF BUSHING, 3.30 FT ABOVE LSD.
LSD 245.00 FT NGVD.
HIGHEST WATER LEVEL 206.58 BELOW LSD, APR. 7, 1976,
LOWEST WATER LEVEL 213.60 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1984	212.71	SEP. 24, 1984	213.60				

322433092412101 LOCAL WELL NUMBER: JA-149

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 16N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 478 FT, SCREENED 468-478. MP TOP OF CASING, 3.20 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 154.78 BELOW LSD, MAY 13, 1975,
LOWEST WATER LEVEL 172.41 BELOW LSD, DEC. 12, 1983.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	172.41	MAR. 22, 1984	171.22	JUNE 1, 1984	171.50	SEP. 26, 1984	171.56

321730092373701 LOCAL WELL NUMBER: JA-156

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 15N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 629 FT, SCREENED 619-629. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 290.00 FT NGVD.
HIGHEST WATER LEVEL 250.90 BELOW LSD, MAY 19, 1980,
LOWEST WATER LEVEL 256.49 BELOW LSD, JULY 19, 1984.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	256.03	JAN. 19, 1984	255.65	MAY 2, 1984	255.05	JULY 19, 1984	256.49
NOV. 3	255.63	FEB. 24	255.90	JUNE 1	255.28	SEP. 24	255.16
DEC. 22	254.22	MAR. 28	255.09				

JEFFERSON PARISH

295509090034001 LOCAL WELL NUMBER: JF-48

OWNER: PUBLICKER CHEMICAL CORP. (SEC. 7, T. 13S., R. 24E.) DRILLED INDUSTRIAL ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 16 IN, DEPTH 789 FT, SCREENED 700-780. MP HOLE IN CASING FLANGE AT TOP OF CONCRETE FOUNDATION, 0.90 FT ABOVE LSD.
LSD 7.00 FT NGVD.
HIGHEST WATER LEVEL 72.30 BELOW LSD, FEB. 9, 1984,
LOWEST WATER LEVEL 106.81 BELOW LSD, SEP. 15, 1976.
RECORDS AVAILABLE 1957, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	78.90	FEB. 9, 1984	72.30	MAY 1, 1984	74.30	JULY 12, 1984	74.80

300109090091001 LOCAL WELL NUMBER: JF-71

OWNER: GREATER NEW ORLEANS EXPRESSWAY COMMISSION. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 566 FT, SCREENED 551-566. MP HOLE IN SANITARY SEAL, 3.40 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 63.60 BELOW LSD, APR. 24, 1984,
LOWEST WATER LEVEL 87.43 BELOW LSD, OCT. 17, 1973.
RECORDS AVAILABLE 1963, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	65.80	APR. 24, 1984	63.60				

JEFFERSON PARISH

295858090154101 LOCAL WELL NUMBER: JF-153

OWNER: W. & H. WAREHOUSE CO. (SEC. 37, T. 12S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 670 FT, SCREENED 630-670. MP TOP EDGE STEEL PLATE ATOP CASING, 2.20 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 34.90 BELOW LSD, APR. 27, 1984.
LOWEST WATER LEVEL 46.05 BELOW LSD, SEP. 29, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	37.45	FEB. 9, 1984	36.60	APR. 27, 1984	34.90	JULY 11, 1984	36.50

295739090094601 LOCAL WELL NUMBER: JF-156

OWNER: JEFFERSON PARISH CONSOLIDATED WATER DISTRICT. (SEC. 46, T. 12S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 780 FT, SCREENED 660-780. MP TOP OF 4-IN PLASTIC LINER, 2.05 FT ABOVE LSD.
LSD 9.00 FT NGVD.
HIGHEST WATER LEVEL 67.95 BELOW LSD, APR. 24, 1984.
LOWEST WATER LEVEL 94.34 BELOW LSD, NOV. 11, 1975.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	73.35	FEB. 9, 1984	72.95	APR. 24, 1984	67.95	JULY 9, 1984	73.80

295355090044201 LOCAL WELL NUMBER: JF-166

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FOOT" SAND OF NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 1,302 FT, SCREENED 1,292-1,302. MP TOP OF 2-IN CASING, 0.35 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 41.50 BELOW LSD, FEB. 9, 1984.
LOWEST WATER LEVEL 44.81 BELOW LSD, JAN. 6, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	42.65	FEB. 9, 1984	41.50	MAY 1, 1984	42.50	JULY 12, 1984	41.75

295355090044202 LOCAL WELL NUMBER: JF-167

OWNER: U. S. GEOL. SURVEY. (SEC. 44, T. 14S., R. 24E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 725 FT, SCREENED 715-725. MP TOP OF 2-IN CASING, 0.15 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 58.85 BELOW LSD, MAY 1, 1984.
LOWEST WATER LEVEL 70.05 BELOW LSD, OCT. 21, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	61.65	FEB. 9, 1984	60.65	MAY 1, 1984	58.85	JULY 12, 1984	61.85

JEFFERSON DAVIS PARISH

301355092463001 LOCAL WELL NUMBER: JD-9

OWNER: WELSH CANAL CO. (SEC. 34, T. 9S., R. 4W.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 318 FT, SCREENED 238-318. MP LOWER LIP OF DISCHARGE PIPE, 4.55 FT ABOVE LSD.
LSD 24.10 FT NGVD.
HIGHEST WATER LEVEL 19.52 BELOW LSD, MAR. 29, 1943.
LOWEST WATER LEVEL 95.00 BELOW LSD, JULY 21, 1980.
RECORDS AVAILABLE 1936-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	59.62	NOV. 30, 1983	62.87	JAN. 27, 1984	65.95	MAY 30, 1984	66.97
OCT. 31	64.87	DEC. 19	61.94	MAR. 29	62.88	JULY 12	66.97

JEFFERSON DAVIS PARISH

301300092584503   LOCAL WELL NUMBER: JD-485A

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 10S., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 290 FT, SCREENED 270-290. MP TOP OF 4-IN CASING COLLAR, 3.00 FT ABOVE LSD.
LSD   21.36 FT NGVD.
HIGHEST WATER LEVEL   52.57 BELOW LSD, FEB. 15, 1983,
LOWEST WATER LEVEL 107.41 BELOW LSD, JULY 19, 1980.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	59.35H	DEC. 25, 1983	55.59	MAR. 20, 1984	55.00	JULY 2, 1984	74.42H
OCT. 5	59.17	DEC. 31	55.49	MAR. 25	56.10	JULY 12	70.09H
OCT. 10	59.07	JAN. 5, 1984	55.24	MAR. 29	55.89H	JULY 30	71.02H
OCT. 15	59.15	JAN. 10	54.91	MAR. 31	56.08	JULY 31	71.58
OCT. 20	59.01	JAN. 15	54.75	APR. 30	71.63H	AUG. 5	69.49
OCT. 25	58.90	JAN. 20	55.63	MAY 5	78.23	AUG. 10	66.48
OCT. 31	58.95H	JAN. 25	54.43	MAY 10	73.76	AUG. 15	67.34
NOV. 5	58.67	JAN. 27	54.34H	MAY 15	79.02	AUG. 20	72.60
NOV. 10	58.06	JAN. 31	54.38	MAY 20	74.92	AUG. 24	68.89H
NOV. 15	58.49	FEB. 5	54.17	MAY 25	75.99	AUG. 25	67.82
NOV. 20	57.87	FEB. 10	53.90E	MAY 30	70.24H	AUG. 31	68.07
NOV. 25	58.12	FEB. 15	53.84	MAY 31	71.19	SEP. 5	66.24
NOV. 30	56.87H	FEB. 20	53.60	JUNE 5	83.80	SEP. 10	70.69
DEC. 5	56.39	FEB. 25	53.43	JUNE 10	79.01	SEP. 15	67.98
DEC. 10	56.19	FEB. 28	53.22H	JUNE 15	74.82	SEP. 20	68.43
DEC. 15	55.92	MAR. 10	53.88	JUNE 20	74.20	SEP. 25	64.11
DEC. 19	55.71H	MAR. 15	54.34	JUNE 25	76.09	SEP. 30	62.93
DEC. 20	55.71						

LAFAYETTE PARISH

301426092000601   LOCAL WELL NUMBER: LF-662

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 100, T. 9S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 152 FT, SCREENED 146-152. MP TOP OF 2-IN CASING, 1.59 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD   40.37 FT NGVD.
HIGHEST WATER LEVEL   43.04 BELOW LSD, MAR. 21, 1984,
LOWEST WATER LEVEL   47.17 BELOW LSD, OCT. 20, 1981.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 30, 1983	43.80	JAN. 26, 1984	43.48	MAR. 21, 1984	43.04		

LA SALLE PARISH

314153092075201   LOCAL WELL NUMBER: LA-157

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 8N., R. 3E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/2 IN, DEPTH 88 FT, SCREENED 85-88. MP TOP OF CASING, 3.50 FT ABOVE LSD.
LSD 211.90 FT NGVD.
HIGHEST WATER LEVEL   53.33 BELOW LSD, JUNE 29, 1976,
LOWEST WATER LEVEL   59.70 BELOW LSD, SEP. 15, 1982.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 26, 1984	58.67	MAR. 28, 1984	58.56	JUNE 22, 1984	59.08	SEP. 17, 1984	58.39

313610092052601   LOCAL WELL NUMBER: LA-215

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 7N., R. 4E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 88 FT, SCREENED 83-88. MP TOP OF CASING, 2.50 FT ABOVE LSD.
LSD   85.00 FT NGVD.
HIGHEST WATER LEVEL   45.59 BELOW LSD, JULY 16, 1975,
LOWEST WATER LEVEL   58.95 BELOW LSD, SEP. 15, 1982.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 29, 1983	54.23	MAR. 28, 1984	58.56	JUNE 21, 1984	50.77	SEP. 17, 1984	54.25
JAN. 26, 1984	58.67	APR. 2	51.58				

See footnotes at end of table.

LA SALLE PARISH

313610092052602 LOCAL WELL NUMBER: LA-217

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 7N., R. 4E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 60 FT, SCREENED 57-60. MP TOP OF CASING, 2.20 FT ABOVE LSD.
LSD 85.00 FT NGVD.
HIGHEST WATER LEVEL 37.23 BELOW LSD, JULY 16, 1975.
LOWEST WATER LEVEL 49.33 BELOW LSD, FEB. 21, 1973.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 29, 1983	41.03	APR. 2, 1984	40.06	JUNE 21, 1984	39.69	SEP. 17, 1984	40.77

313610092052603 LOCAL WELL NUMBER: LA-218

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 7N., R. 4E.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 74 FT, SCREENED 71-74. MP TOP OF CASING, 2.20 FT ABOVE LSD.
LSD 85.00 FT NGVD.
HIGHEST WATER LEVEL 45.68 BELOW LSD, JULY 16, 1975.
LOWEST WATER LEVEL 57.22 BELOW LSD, DEC. 22, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 29, 1983	54.48	APR. 2, 1984	51.62	JUNE 21, 1984	50.82	SEP. 17, 1984	54.30

314500092171004 LOCAL WELL NUMBER: LA-252D

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 9N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 1388 FT, SCREENED 1378-1388. MP TOP OF BUSHING, 4.70 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 35.96 BELOW LSD, JUNE 2, 1980.
LOWEST WATER LEVEL 39.99 BELOW LSD, DEC. 6, 1982.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 6, 1984	36.57	SEP. 10, 1984	37.02				

LINCOLN PARISH

324141092390501 LOCAL WELL NUMBER: L-26

OWNER: TOWN OF DUBACH. (SEC. 26, T. 20N., R. 3W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 10 TO 6 IN, DEPTH 686 FT, SCREENED 633-686. MP TOP OF 3/4-IN HOLE IN PLATE, 2.00 FT ABOVE LSD.
LSD 155.00 FT NGVD.
HIGHEST WATER LEVEL 95.20 BELOW LSD, APR. 22, 1950.
LOWEST WATER LEVEL 164.18 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1950, 1962, 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	163.39	SEP. 21, 1984	164.18				

323458092275101 LOCAL WELL NUMBER: L-68

OWNER: U. S. GEOL. SURVEY. (SEC. 3, T. 18N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 770 FT, SCREENED 760-770. MP TOP OF 2 X 3/4-IN BUSHING, 5.14 FT ABOVE LSD.
LSD 180.00 FT NGVD.
HIGHEST WATER LEVEL 185.04 BELOW LSD, MAR. 2, 1970.
LOWEST WATER LEVEL 226.31 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1968-71, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	224.46	SEP. 21, 1984	226.31				

LINCOLN PARISH

323013092482001 LOCAL WELL NUMBER: L-113

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 18N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 IN, DEPTH 750 FT, SCREENED 740-750. MP TOP OF CASING, 1.30 FT ABOVE LSD.
LSD 355.00 FT NGVD.
HIGHEST WATER LEVEL 266.50 BELOW LSD, AUG. 11, 1969,
LOWEST WATER LEVEL 300.81 BELOW LSD, SEP. 2, 1983.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	300.19	SEP. 24, 1984	296.98				

324018092482201 LOCAL WELL NUMBER: L-153

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 19N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 535 FT, SCREENED 525-535. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 212.99 BELOW LSD, JAN. 29, 1979, 6
LOWEST WATER LEVEL 225.64 BELOW LSD, OCT. 4, 1982.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	224.92	MAR. 21, 1984	225.10	JUNE 1, 1984	224.89	SEP. 21, 1984	225.25

LIVINGSTON PARISH

302804090581802 LOCAL WELL NUMBER: LI-26B

OWNER: CLIFF MACK. (SEC. 67, T. 7S., R. 2E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 1305 FT, SCREENED 1289-1305. MP TOP OF 2-IN CASING, 0.77 FT ABOVE LSD.
LSD 37.00 FT NGVD.
HIGHEST WATER LEVEL 3.53 BELOW LSD, JULY 1, 1957,
LOWEST WATER LEVEL 64.77 BELOW LSD, OCT. 1, 1981.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1983	59.03	NOV. 3, 1983	59.03	APR. 10, 1984	61.06		

303034090380301 LOCAL WELL NUMBER: LI-52

OWNER: COY KINCHEN. (SEC. 20, T. 6S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1865 FT, SCREENED 1825-1865. MP CENTERLINE OF 3/4-IN TEE, 1.20 FT ABOVE LSD.
LSD 46.00 FT NGVD.
HIGHEST WATER LEVEL 116.20 ABOVE LSD, NOV. 30, 1950,
LOWEST WATER LEVEL 41.20 ABOVE LSD, OCT. 18, 1982.
RECORDS AVAILABLE 1950-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1983	+49.70	OCT. 14, 1983	+52.00	APR. 9, 1984	+52.20		

302826090344901 LOCAL WELL NUMBER: LI-54

OWNER: ST. MARGARET'S CATHOLIC CHURCH. (SEC. 2, T. 7S., R. 6E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2144 FT SCREENED 2104-2144. MP CENTERLINE OF 2-IN TEE, 0.80 FT ABOVE LSD.
LSD 33.00 FT NGVD.
HIGHEST WATER LEVEL 121.80 ABOVE LSD, NOV. 30, 1954, JAN. 10, 1955, FEB. 1, 1955,
LOWEST WATER LEVEL 64.00 ABOVE LSD, OCT. 4, 1982, MAY 14, 1984.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1983	+65.80	OCT. 13, 1983	+67.00	APR. 9, 1984	+65.80	MAY 14, 1984	+64.00

See footnotes at end of table.

LIVINGSTON PARISH

302959090563401 LOCAL WELL NUMBER: LI-92

OWNER: CITY OF DENHAM SPRINGS. (SEC. 48, T. 6S., R. 3E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 10 IN, DEPTH 2100 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF 1/2-IN NIPPLE, 0.80 FT ABOVE LSD.
LSD 51.00 FT NGVD.
HIGHEST WATER LEVEL 47.67 BELOW LSD, FEB. 3, 1978.
LOWEST WATER LEVEL 70.50 BELOW LSD, OCT. 27, 1980.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 14, 1983	61.70	JAN. 23, 1984	62.65	APR. 10, 1984	62.42	JULY 12, 1984	62.89
NOV. 2	61.65						

302956090504601 LOCAL WELL NUMBER: LI-113

OWNER: W. K. COBURN. (SEC. 30, T. 6S., R. 4E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 3 IN, REPORTED DEPTH 1300 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF COLLAR ABOVE VALVE, 1.50 FT ABOVE LSD.
LSD 48.00 FT NGVD.
HIGHEST WATER LEVEL 10.98 BELOW LSD, APR. 14, 1967.
LOWEST WATER LEVEL 16.70 BELOW LSD, OCT. 18, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1983	15.80	NOV. 4, 1983	15.80	APR. 10, 1984	15.85		

MOREHOUSE PARISH

324626091543901 LOCAL WELL NUMBER: MO-5

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 10 IN, DEPTH 860 FT, SCREENED INTERVAL UNKNOWN. MP FLOOR OF RECORDER SHELTER, 1.80 FT ABOVE LSD.
LSD 117.44 FT NGVD.
HIGHEST WATER LEVEL 143.85 BELOW LSD, DEC. 22, 1958.
LOWEST WATER LEVEL 219.40 BELOW LSD, SEP. 30, 1975.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	172.13H	DEC. 31, 1983	168.23	APR. 5, 1984	170.24	JUNE 30, 1984	168.72
OCT. 5	171.92	JAN. 5, 1984	167.59	APR. 7	168.04J	JULY 5	169.31
OCT. 8	172.60J	JAN. 10	161.36	APR. 10	171.48	JULY 10	168.72
OCT. 10	170.01	JAN. 15	162.37	APR. 15	171.56	JULY 15	167.92
OCT. 15	169.25	JAN. 16	162.63H	APR. 20	171.79	JULY 16	167.63H
OCT. 20	172.13	JAN. 20	163.17	APR. 25	171.66	JULY 20	166.16J
OCT. 25	171.86	JAN. 25	163.04	APR. 27	171.98J	JULY 25	167.80
OCT. 30	168.11J	JAN. 29	161.05J	APR. 30	168.95	JULY 31	166.84
OCT. 31	170.96	JAN. 31	161.80	MAY 1	169.59H	AUG. 5	168.24
NOV. 5	171.32	FEB. 5	164.52	MAY 5	168.30	AUG. 10	169.46
NOV. 8	171.48H	FEB. 8	165.10J	MAY 10	167.81	AUG. 15	169.55
NOV. 9	171.81J	FEB. 10	164.92	MAY 13	167.38J	AUG. 17	171.03J
NOV. 10	169.50	FEB. 15	163.98	MAY 15	170.57	AUG. 20	169.99H
NOV. 15	169.50	FEB. 17	164.04H	MAY 20	171.21	AUG. 22	167.84J
NOV. 20	170.45	FEB. 20	166.93	MAY 25	171.65	AUG. 25	170.30
NOV. 25	169.48	FEB. 25	168.96	MAY 29	172.44J	AUG. 31	168.75
NOV. 30	167.94	FEB. 29	167.12	MAY 31	171.79	SEP. 5	169.20
DEC. 5	170.55	MAR. 5	169.41	JUNE 1	171.02H	SEP. 10	170.67
DEC. 10	168.66	MAR. 9	170.42J	JUNE 5	172.62	SEP. 15	171.91
DEC. 15	168.33	MAR. 10	169.99	JUNE 10	172.43	SEP. 18	172.75J
DEC. 18	167.66J	MAR. 15	169.32	JUNE 12	172.97J	SEP. 20	169.80
DEC. 20	169.38H	MAR. 20	168.01	JUNE 15	165.19J	SEP. 24	169.69H
DEC. 21	170.22J	MAR. 25	169.68	JUNE 20	169.71	SEP. 25	171.18
DEC. 25	160.22	MAR. 26	169.11H	JUNE 25	171.97	SEP. 30	170.27
DEC. 27	157.91J	MAR. 31	168.64				

See footnotes at end of table.

324704091543801 LOCAL WELL NUMBER: MO-15

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 21N., R. 5E.) DRILLED UNUSED WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 26 TO 16 IN, DEPTH 105 FT, SCREENED 67-105. MP TOP OF STEEL BASE PLATE, 1.00 FT ABOVE LSD.
LSD 143.72 FT NGVD.
HIGHEST WATER LEVEL 74.83 BELOW LSD, APR. 29, 1953,
LOWEST WATER LEVEL 99.55 BELOW LSD, DEC. 17, 1974.
RECORDS AVAILABLE 1945-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	90.69	SEP. 24, 1984	87.50				

323806091530401 LOCAL WELL NUMBER: MO-67

OWNER: D. W. PIPES. (SEC. 17, T. 19N., R. 6E.) DRILLED UNUSED WATER-TABLE WELL IN THE ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 81 FT, SCREENED 71-81. MP TOP OF CASING, 7.90 FT ABOVE LSD.
LSD 73.51 FT NGVD.
HIGHEST WATER LEVEL 1.59 BELOW LSD, DEC. 19, 1961,
LOWEST WATER LEVEL 23.88 BELOW LSD, SEP. 1, 1982.
RECORDS AVAILABLE 1953-77, 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	15.69						

325925091513001 LOCAL WELL NUMBER: MO-283

OWNER: GEORGIA-PACIFIC CORP. (SEC. 9, T. 23N., R. 6E.) DRILLED UNUSED WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 1/2 IN, DEPTH 135 FT, SCREENED 125-135. MP 1-IN HOLE IN TOP OF WELL CAP, 3.90 FT ABOVE LSD.
LSD 163.26 FT NGVD.
HIGHEST WATER LEVEL 71.39 BELOW LSD, FEB. 23, 1961,
LOWEST WATER LEVEL 75.17 BELOW LSD, SEP. 8, 1983.
RECORDS AVAILABLE 1960-63, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	74.94						

324753091471202 LOCAL WELL NUMBER: MO-343

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 21N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 176 FT, SCREENED 166-176. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 88.41 FT NGVD.
HIGHEST WATER LEVEL 0.50 BELOW LSD, MAY 13, 1975,
LOWEST WATER LEVEL 13.79 BELOW LSD, AUG. 26, 1981.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 25, 1984	10.73						

325526091530501 LOCAL WELL NUMBER: MO-345

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 22N., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 786 FT, SCREENED 776-786. MP TOP OF CASING, 0.20 FT ABOVE LSD.
LSD 113.65 FT NGVD.
HIGHEST WATER LEVEL 100.76 BELOW LSD, JULY 16, 1968,
LOWEST WATER LEVEL 113.19 BELOW LSD, AUG. 20, 1981.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	106.58						

325810091384002 LOCAL WELL NUMBER: MO-346

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 23N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 167 FT, SCREENED 157-167. MP TOP OF CASING, 3.60 FT ABOVE LSD.
LSD 106.57 FT NGVD.
HIGHEST WATER LEVEL 15.47 BELOW LSD, APR. 30, 1969.
LOWEST WATER LEVEL 30.74 BELOW LSD, AUG. 22, 1972.
RECORDS AVAILABLE 1968-70, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 25, 1984	24.22						

324352091531001 LOCAL WELL NUMBER: MO-347

OWNER. U. S. GEOL. SURVEY. (SEC. 7, T. 20N., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 833 FT, SCREENED 823-833. MP TOP OF CASING, 0.67 FT ABOVE LSD.
LSD 142.27 FT NGVD.
HIGHEST WATER LEVEL 175.11 BELOW LSD, SEP. 24, 1984.
LOWEST WATER LEVEL 193.69 BELOW LSD, SEP. 2, 1980.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	175.11						

325518091403001 LOCAL WELL NUMBER: MO-348

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 22N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 311 FT, SCREENED 291-311. MP TOP OF CASING, 4.20 FT ABOVE LSD.
LSD 98.88 FT NGVD.
HIGHEST WATER LEVEL 9.63 BELOW LSD, MAR. 26, 1969.
LOWEST WATER LEVEL 22.97 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 25, 1984	22.97C						

324352091531002 LOCAL WELL NUMBER: MO-349

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 20N., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 217 FT, SCREENED 197-217. MP TOP OF BUSHING, 3.93 FT ABOVE LSD.
LSD 142.46 FT NGVD.
HIGHEST WATER LEVEL 67.45 BELOW LSD, JULY 10, 1969.
LOWEST WATER LEVEL 71.09 BELOW LSD, SEP. 8, 1975.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	70.34						

325707091574701 LOCAL WELL NUMBER: MO-350

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 23N., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 740 FT, SCREENED 730-740. MP TOP OF CASING, AT LSD.
LSD 112.08 FT NGVD.
HIGHEST WATER LEVEL 95.50 BELOW LSD, MAR. 10, 1969.
LOWEST WATER LEVEL 108.90 BELOW LSD, AUG. 20, 1981.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	105.28						

See footnotes at end of table.

MOREHOUSE PARISH

324352091531003 LOCAL WELL NUMBER: MO-351

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 20N., R. 6E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COOK MOUNTAIN FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 312 FT, SCREENED 292-312. MP TOP OF BUSHING, 3.71 FT ABOVE LSD.
LSD 142.23 FT NGVD.
HIGHEST WATER LEVEL 67.18 BELOW LSD, SEP. 6, 1977,
LOWEST WATER LEVEL 74.27 BELOW LSD, SEP. 1, 1982.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	71.82						

NATCHITOCHES PARISH

313918093023101 LOCAL WELL NUMBER: NA-284

OWNER: U. S. GEOL. SURVEY. (SEC. 42, T. 6N., R. 7W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 72 FT, SCREENED 69-72. MP TOP OF CASING, 1.60 FT ABOVE LSD.
LSD 102.59 FT NGVD.
HIGHEST WATER LEVEL 0.36 ABOVE LSD, AUG. 22, 1969,
LOWEST WATER LEVEL 13.71 BELOW LSD, OCT. 1, 1956.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1983	10.20	JAN. 6, 1984	6.30	APR. 5, 1984	4.53	JULY 3, 1984	6.59
OCT. 30	10.52	FEB. 7	6.27	MAY 3	6.30	AUG. 7	7.98
DEC. 16	6.01	MAR. 8	4.18	JUNE 5	6.55	SEP. 4	8.78

320116093044902 LOCAL WELL NUMBER: NA-479

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 12N., R. 7W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 1 1/4 IN, DEPTH 106 FT, SCREENED 103-106. MP TOP OF BUSHING, AT LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 56.22 BELOW LSD, MAY 9, 1984,
LOWEST WATER LEVEL 59.49 BELOW LSD, SEP. 4, 1980.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	58.19	JAN. 20, 1984	58.08	JUNE 8, 1984	56.60	AUG. 28, 1984	57.08
NOV. 3	58.42	MAR. 22	57.55	JULY 24	56.88	SEP. 24	57.22
DEC. 6	58.25	MAY 9	56.22				

315221093242901 LOCAL WELL NUMBER: NA-491

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 10N., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 493 FT, SCREENED 483-493. MP TOP OF BUSHING, AT LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 98.46 BELOW LSD, AUG. 9, 1984,
LOWEST WATER LEVEL 99.91 BELOW LSD, AUG. 26, 1982.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	99.47	FEB. 22, 1984	98.87	MAY 10, 1984	98.97	AUG. 9, 1984	98.46
JAN. 4, 1984	99.04	MAR. 27	98.60	JUNE 25	99.13	SEP. 24	98.74

315221093242902 LOCAL WELL NUMBER: NA-495

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 10N., R. 10W.) BORED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 168 FT, SCREENED 163-168. MP TOP OF BUSHING, AT LSD.
LSD 250.00 FT NGVD.
HIGHEST WATER LEVEL 100.27 BELOW LSD, MAR. 27, 1984,
LOWEST WATER LEVEL 101.90 BELOW LSD, APR. 22, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	101.40	FEB. 22, 1984	100.47	MAY 10, 1984	100.89	AUG. 9, 1984	101.22
JAN. 4, 1984	100.98	MAR. 27	100.27	JUNE 25	101.03	SEP. 24	101.37

ORLEANS PARISH

301001089441301 LOCAL WELL NUMBER: OR-23

OWNER: LOUISIANA OFFICE OF STATE PARKS. (SEC. 19, T. 10S., R. 15E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 547 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6 X 2-IN REDUCER, 0.40 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 2.24 BELOW LSD, MAR. 25, 1958,
LOWEST WATER LEVEL 18.77 BELOW LSD, JAN. 21, 1982.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	17.60	APR. 25, 1984	17.75				

295652090020101 LOCAL WELL NUMBER: OR-42

OWNER: U. S. NAVY. (SEC. 16, T. 13S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, REPORTED DEPTH 775 FT, SCREENED 664-775. MP TOP OF 2 X 6-IN RECORDER BASE, 1.00 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 40.07 BELOW LSD, MAY 25, 1942,
LOWEST WATER LEVEL 140.48 BELOW LSD, SEP. 20, 1968.
RECORDS AVAILABLE 1942, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	84.40	FEB. 9, 1984	80.70	MAY 1, 1984	79.40	JULY 12, 1984	85.50

300137089544201 LOCAL WELL NUMBER: OR-78

OWNER: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. (SEC. 37, T. 12S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 12 TO 9 IN, DEPTH 565 FT, SCREENED 486-565. MP HOLE IN SANITARY SEAL, 1.36 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 42.94 BELOW LSD, APR. 12, 1961,
LOWEST WATER LEVEL 117.46 BELOW LSD, JULY 21, 1976.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	95.74	FEB. 10, 1984	99.24	APR. 25, 1984	98.64	JULY 11, 1984	111.14

300158090033801 LOCAL WELL NUMBER: OR-128

OWNER: ORLEANS LEVEE BOARD. (SEC. 111, T. 12S., R. 11E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 8 TO 6 IN, DEPTH 581 FT, SCREENED 541-581. MP TOP EDGE OF HOLE IN SANITARY SEAL, 1.32 FT ABOVE LSD.
LSD 5.00 FT NGVD.
HIGHEST WATER LEVEL 87.48 BELOW LSD, FEB. 24, 1983,
LOWEST WATER LEVEL 167.66 BELOW LSD, JULY 21, 1976.
RECORDS AVAILABLE 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	102.73	JAN. 19, 1984	99.01	APR. 3, 1984	94.97	JULY 11, 1984	108.18
JAN. 3, 1984	102.70	MAR. 1	95.76	MAY 24	110.88	AUG. 10	113.57

300411089571401 LOCAL WELL NUMBER: OR-156

OWNER: ORLEANS LEVEE BOARD. (SEC. 25, T. 11S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF THE NEW ORLEANS AREA) OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, DEPTH 807 FT, SCREENED 747-807. MP HOLE IN SANITARY SEAL, 1.30 FT ABOVE LSD.
LSD 2.00 FT NGVD.
HIGHEST WATER LEVEL 34.25 BELOW LSD, JAN. 3, 1984,
LOWEST WATER LEVEL 36.70 BELOW LSD, SEP. 29, 1981.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 3, 1984	34.25	FEB. 10, 1984	34.40	APR. 25, 1984	34.50		

ORLEANS PARISH

300525089464001 LOCAL WELL NUMBER: OR-175

OWNER: U. S. GEOL. SURVEY. (SEC. 38, T. 11S., R. 14E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 449 FT, SCREENED 439-449. MP TOP OF 2-IN CASING, 1.25 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 19.84 BELOW LSD, SEP. 19, 1963,
LOWEST WATER LEVEL 37.23 BELOW LSD, JULY 29, 1981.
RECORDS AVAILABLE 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	35.40	FEB. 10, 1984	35.70	APR. 25, 1984	35.80	JULY 10, 1984	35.65

300959089441901 LOCAL WELL NUMBER: OR-179

OWNER: U. S. GEOL. SURVEY. (SEC. 19, T. 10S., R. 15E.) DRILLED OBSERVATION ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 2434 FT, SCREENED 2429-2434. MP CENTERLINE OF DISCHARGE PIPE, 2.87 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 107.20 ABOVE LSD, NOV. 10, 1965,
LOWEST WATER LEVEL 63.90 ABOVE LSD, OCT. 27, 1983.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	+63.90	FEB. 14, 1984	+68.90	APR. 25, 1984	+66.90	JULY 10, 1984	+67.40

300349089562401 LOCAL WELL NUMBER: OR-203

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 11S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 453 FT, SCREENED 448-453. MP TOP OF 2-IN CASING, 0.65 FT BELOW LSD.
LSD -5.00 FT NGVD.
HIGHEST WATER LEVEL 66.50 BELOW LSD, FEB. 3, 1983,
LOWEST WATER LEVEL 81.72 BELOW LSD, SEP. 29, 1984.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	71.25	FEB. 10, 1984	72.70	APR. 25, 1984	71.40	JULY 11, 1984	73.55

OUACHITA PARISH

323837092021702 LOCAL WELL NUMBER: OU-24

OWNER: C. A. SATTERFIELD. (SEC. 37, T. 19N., R. 4E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 6 IN, DEPTH 688 FT, SCREENED 540-688. MP TOP INSIDE EDGE OF 1/2-IN NIPPLE, 5.27 FT ABOVE LSD.
LSD 85.00 FT NGVD.
HIGHEST WATER LEVEL 119.70 BELOW LSD, MAR. 17, 1964,
LOWEST WATER LEVEL 136.41 BELOW LSD, MAR. 4, 1981.
RECORDS AVAILABLE 1964-70, 1970-78, 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	133.92	SEP. 24, 1984	134.33				

See footnotes at end of table.

OUACHITA PARISH

322901092091501 LOCAL WELL NUMBER: OU-77

OWNER: MANVILLE FOREST PRODUCTS. (SEC. 3, T. 17N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 16 IN, DEPTH 851 FT, SCREENED INTERVAL UNKNOWN. MP FLOOR OF RECORDER SHELTER, 2.40 FT ABOVE LSD.
LSD 75.90 FT NGVD.
HIGHEST WATER LEVEL 168.82 BELOW LSD, JULY 7, 1952,
LOWEST WATER LEVEL 276.75 BELOW LSD, AUG. 28, 1978.
RECORDS AVAILABLE 1946-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	259.93H	DEC. 25, 1983	234.28	MAR. 31, 1984	251.87	JUNE 15, 1984	243.61
OCT. 8	263.26J	JAN. 19, 1984	254.85H	APR. 2	253.65H	JUNE 20	243.45
OCT. 10	259.29	JAN. 20	254.06	APR. 5	251.35	JUNE 25	245.02
OCT. 15	257.41	JAN. 22	253.28J	APR. 10	251.22	JUNE 30	249.54
OCT. 20	255.96	JAN. 25	256.05	APR. 15	252.82	JULY 5	260.96
OCT. 25	253.96	JAN. 31	256.74	APR. 20	251.62	JULY 8	264.90J
OCT. 31	254.36	FEB. 1	259.66J	APR. 25	258.46	JULY 10	258.41
NOV. 5	249.49	FEB. 5	256.90	APR. 28	261.58J	JULY 15	262.14
NOV. 9	247.56J	FEB. 10	257.16	APR. 30	259.60	JULY 16	261.67H
NOV. 10	248.92	FEB. 15	256.55	MAY 5	243.26J	JULY 20	262.58
NOV. 15	250.03H	FEB. 22	256.43H	MAY 7	251.64H	JULY 25	264.60
NOV. 17	249.13J	FEB. 24	256.54	MAY 8	253.01J	JULY 31	263.30
NOV. 20	254.98	FEB. 25	256.70	MAY 10	249.89	AUG. 5	267.10
NOV. 25	256.86	FEB. 29	256.70	MAY 15	248.63	AUG. 10	269.30
NOV. 30	257.97	MAR. 5	255.97	MAY 20	238.95	AUG. 15	267.20
DEC. 5	256.21	MAR. 10	255.76	MAY 25	237.20	AUG. 17	269.47J
DEC. 7	258.94J	MAR. 15	256.36	MAY 30	236.40J	AUG. 20	267.58
DEC. 10	257.27	MAR. 18	258.16J	MAY 31	238.93	AUG. 21	266.55H
DEC. 14	257.33H	MAR. 20	256.78	JUNE 5	244.78H	SEP. 25	272.02
DEC. 15	258.86J	MAR. 25	251.34	JUNE 8	239.09J	SEP. 30	270.47
DEC. 20	257.26	MAR. 27	247.33J	JUNE 10	240.90		

322649092063101 LOCAL WELL NUMBER: OU-88

OWNER: FRED PETERS. (SEC. 24, T. 17N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 6 TO 4 IN, DEPTH 401 FT, SCREENED 335-401. MP TOP OF CASING, 2.40 FT ABOVE LSD.
LSD 75.00 FT NGVD.
HIGHEST WATER LEVEL 42.83 BELOW LSD, JAN. 17, 1946,
LOWEST WATER LEVEL 103.28 BELOW LSD, SEP. 10, 1976.
RECORDS AVAILABLE 1946-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	101.85	SEP. 21, 1984	101.26				

323136091592801 LOCAL WELL NUMBER: OU-151

OWNER: U. S. CORPS OF ENGINEERS. (SEC. 19, T. 18N., R. 5E.) DRILLED OBSERVATION SEMIARTESIAN WELL IN THE OUACHITA RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 68 FT, SCREENED 58-68. MP TOP OF 3 X 2-IN REDUCER, 4.80 FT ABOVE LSD.
LSD 72.42 FT NGVD.
HIGHEST WATER LEVEL 3.77 BELOW LSD, MAR. 19, 1975,
LOWEST WATER LEVEL 23.63 BELOW LSD, SEP. 22, 1954.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 15, 1983	13.93	MAR. 27, 1984	8.38	JUNE 1, 1984	8.95	SEP. 25, 1984	13.64

321653092015601 LOCAL WELL NUMBER: OU-241

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 15N., R. 4E.) BORED OBSERVATION SEMIARTESIAN WELL IN THE OUACHITA RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 70 FT, SCREENED 67-70. MP TOP OF CASING, 4.80 FT ABOVE LSD.
LSD 61.52 FT NGVD.
HIGHEST WATER LEVEL 12.78 BELOW LSD, JAN. 17, 1968,
LOWEST WATER LEVEL 26.99 BELOW LSD, SEP. 29, 1978.
RECORDS AVAILABLE 1963-70, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 21, 1984	21.83						

See footnotes at end of table.

321713092034401 LOCAL WELL NUMBER: OU-243

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 15N., R. 4E.) BORED OBSERVATION SEMIARTESIAN WELL IN THE OUACHITA RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 62 FT, SCREENED 59-62. MP TOP OF CASING, 3.50 FT ABOVE LSD.
LSD 61.83 FT NGVD.
HIGHEST WATER LEVEL 8.54 BELOW LSD, SEP. 3, 1975,
LOWEST WATER LEVEL 23.60 BELOW LSD, NOV. 27, 1963.
RECORDS AVAILABLE 1963-70, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 21, 1984	10.47						

322422092020701 LOCAL WELL NUMBER: OU-401A

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 16N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 397 FT, SCREENED 389-397. MP TOP OF CASING, 3.89 FT ABOVE LSD.
LSD 62.28 FT NGVD.
HIGHEST WATER LEVEL 70.11 BELOW LSD, APR. 27, 1967,
LOWEST WATER LEVEL 101.60 BELOW LSD, MAR. 23, 1982.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	101.20	SEP. 25, 1984	95.89				

321714092041401 LOCAL WELL NUMBER: OU-402

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 15N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 750 FT, SCREENED 740-750. MP TOP OF CASING, 3.68 FT ABOVE LSD.
LSD 63.30 FT NGVD.
HIGHEST WATER LEVEL 37.01 BELOW LSD, JULY 5, 1965,
LOWEST WATER LEVEL 49.55 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	48.77	SEP. 21, 1984	49.55				

321714092041402 LOCAL WELL NUMBER: OU-403

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 15N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 460 FT, SCREENED 453-460. MP TOP OF CASING, 4.04 FT ABOVE LSD.
LSD 63.30 FT NGVD.
HIGHEST WATER LEVEL 40.71 BELOW LSD, SEP. 13, 1967,
LOWEST WATER LEVEL 56.93 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	56.02	MAR. 27, 1984	55.88	JUNE 4, 1984	56.26	SEP. 21, 1984	56.93

323030091554801 LOCAL WELL NUMBER: OU-404

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 18N., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 685 FT, SCREENED 678-685. MP TOP OF CASING, 4.77 FT ABOVE LSD.
LSD 60.89 FT NGVD.
HIGHEST WATER LEVEL 62.27 BELOW LSD, AUG. 7, 1968,
LOWEST WATER LEVEL 81.00 BELOW LSD, AUG. 18, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 27, 1984	77.26	JUNE 4, 1984	78.06	SEP. 21, 1984	79.15		

OUACHITA PARISH

322531092053901 LOCAL WELL NUMBER: OU-405

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 17N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 775 FT, SCREENED 770-775. MP TOP OF CASING, 3.78 FT ABOVE LSD.
LSD 66.66 FT NGVD.
HIGHEST WATER LEVEL 91.89 BELOW LSD, JULY 19, 1968,
LOWEST WATER LEVEL 116.37 BELOW LSD, SEP. 26, 1980.
RECORDS AVAILABLE 1965-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	113.99	MAR. 27, 1984	114.02	JUNE 4, 1984	113.85	SEP. 21, 1984	116.09

322531092053902 LOCAL WELL NUMBER: OU-406

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 17N., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 681 FT, SCREENED 676-681. MP TOP OF CASING, 3.66 FT ABOVE LSD.
LSD 66.75 FT NGVD.
HIGHEST WATER LEVEL 115.06 BELOW LSD, JAN. 17, 1968,
LOWEST WATER LEVEL 141.87 BELOW LSD, DEC. 9, 1980.
RECORDS AVAILABLE 1965-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	137.65	MAR. 27, 1984	138.90	JUNE 4, 1984	139.03	SEP. 21, 1984	140.70

323100092165801 LOCAL WELL NUMBER: OU-443

OWNER: U. S. GEOL. SURVEY. (SEC. 29, T. 18N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 860 FT, SCREENED 850-860. MP TOP OF CASING, 3.22 FT ABOVE LSD.
LSD 118.00 FT NGVD.
HIGHEST WATER LEVEL 168.40 BELOW LSD, AUG. 20, 1969,
LOWEST WATER LEVEL 199.32 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1984	196.35	SEP. 21, 1984	199.32				

323100092165802 LOCAL WELL NUMBER: OU-444

OWNER: U. S. GEOL. SURVEY. (SEC. 29, T. 18N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 670 FT, SCREENED 660-670. MP TOP OF CASING, 3.60 FT ABOVE LSD.
LSD 118.00 FT NGVD.
HIGHEST WATER LEVEL 171.15 BELOW LSD, AUG. 20, 1969,
LOWEST WATER LEVEL 200.55 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1984	199.19	SEP. 21, 1984	200.55				

323100092165803 LOCAL WELL NUMBER: OU-445

OWNER: U. S. GEOL. SURVEY. (SEC. 29, T. 18N., R. 2E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 454 FT, SCREENED 444-454. MP TOP OF CASING, 3.66 FT ABOVE LSD.
LSD 118.00 FT NGVD.
HIGHEST WATER LEVEL 191.97 BELOW LSD, APR. 13, 1970,
LOWEST WATER LEVEL 225.25 BELOW LSD, SEP. 24, 1980.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1984	220.09	SEP. 21, 1984	223.92				

POINTE COUPEE PARISH

303250091365001 LOCAL WELL NUMBER: PC-155

OWNER: JOHN BLANCHARD. (SEC. 31, T. 6S., R. 8E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 990 FT, SCREENED 970-990. MP TOP OF BOLT HOLE ON NW SIDE OF SANITARY SEAL, 0.35 FT ABOVE LSD.
LSD 25.00 FT NGVD.
HIGHEST WATER LEVEL 19.20 BELOW LSD, AUG. 5, 1975,
LOWEST WATER LEVEL 31.45 BELOW LSD, OCT. 28, 1983.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	31.45	APR. 16, 1984	31.15				

303735091211701 LOCAL WELL NUMBER: PC-156

OWNER: MRS. EMMA MOUNGER. (SEC. 50, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, ESTIMATED DEPTH 180 FT, SCREENED INTERVAL UNKNOWN. MP 1/2-IN HOLE IN SANITARY SEAL, 0.60 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 6.80 BELOW LSD, APR. 17, 1973,
LOWEST WATER LEVEL 23.55 BELOW LSD, NOV. 19, 1976.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	22.10	APR. 16, 1984	8.90				

RAPIDES PARISH

311727092270901 LOCAL WELL NUMBER: R-18

OWNER: CITY OF ALEXANDRIA. (SEC. 7, T. 4N., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 12 IN, DEPTH 406 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1 1/4-IN NIPPLE, 1.30 FT ABOVE LSD.
LSD 78.53 FT NGVD.
HIGHEST WATER LEVEL 69.73 BELOW LSD, APR. 29, 1960,
LOWEST WATER LEVEL 179.75 BELOW LSD, OCT. 21, 1963.
RECORDS AVAILABLE 1939, 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 21, 1983	86.93	MAY 16, 1984	90.15	AUG. 2, 1984	92.05	SEP. 18, 1984	90.35
JAN. 16, 1984	91.74	JUNE 15	94.48				

311850092273401 LOCAL WELL NUMBER: R-26

OWNER: MISSOURI PACIFIC RR. (SEC. 40, T. 4N., R. 1W.) DRILLED UNUSED ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 10 IN, DEPTH APPROXIMATELY 1100 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 3.25 FT ABOVE LSD. (RECORDER REMOVED 10/1/83.)
LSD 83.50 FT NGVD.
HIGHEST WATER LEVEL 83.29 BELOW LSD, FEB. 26, 1957,
LOWEST WATER LEVEL 168.66 BELOW LSD, AUG. 10, 1943.
RECORDS AVAILABLE 1938-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 11, 1984	92.14	MAY 16, 1984	93.24	AUG. 2, 1984	93.59	SEP. 18, 1984	94.09
APR. 2	93.76	JUNE 15	93.34				

305945092375001 LOCAL WELL NUMBER: R-601

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 1S., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 100 FT, SCREENED 95-100. MP TOP OF CASING, 2.00 FT ABOVE LSD.
LSD 170.40 FT NGVD.
HIGHEST WATER LEVEL 49.04 BELOW LSD, SEP. 10, 1975,
LOWEST WATER LEVEL 53.22 BELOW LSD, SEP. 22, 1982.
RECORDS AVAILABLE 1954-63, 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 19, 1984	51.95						

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RAPIDES PARISH

310740092380201 LOCAL WELL NUMBER: R-847

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 2N., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 105 FT, SCREENED 95-105. MP TOP OF CASING COLLAR, 0.50 FT ABOVE LSD.
LSD 192.90 FT NGVD.
HIGHEST WATER LEVEL 37.57 BELOW LSD, MAY 15, 1968, MAY 20, 1968,
LOWEST WATER LEVEL 77.81 BELOW LSD, FEB. 23, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	51.20	APR. 2, 1984	49.65	JUNE 15, 1984	48.37	SEP. 17, 1984	52.38
JAN. 11, 1984	53.69	MAY 16	48.83	AUG. 2	54.02		

310728092394201 LOCAL WELL NUMBER: R-848

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 2N., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 105 FT, SCREENED 102-105. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 206.80 FT NGVD.
HIGHEST WATER LEVEL 54.38 BELOW LSD, MAY 21, 1968,
LOWEST WATER LEVEL 64.20 BELOW LSD, NOV. 13, 1981.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	62.25	APR. 2, 1984	57.81	JUNE 15, 1984	57.77	SEP. 17, 1984	58.92
JAN. 11, 1984	59.79	MAY 16	58.10	AUG. 2	58.36		

310612092355301 LOCAL WELL NUMBER: R-849

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 2N., R. 2W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 105 FT, SCREENED 95-105. MP TOP OF CASING, 0.50 FT ABOVE LSD. (RECORDER REMOVED 11/1/83.)
LSD 193.09 FT NGVD.
HIGHEST WATER LEVEL 42.10 BELOW LSD, MAY 10, 1968,
LOWEST WATER LEVEL 56.14 BELOW LSD, NOV. 10, 1971.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	51.15	OCT. 15, 1983	50.02	NOV. 22, 1983	50.65	JUNE 15, 1984	47.83
OCT. 6	51.31J	OCT. 20	49.89	JAN. 11, 1984	49.93	AUG. 2	48.53
OCT. 10	49.94	OCT. 25	50.13	APR. 2	47.73	SEP. 17	49.15
OCT. 13	49.63J	OCT. 31	50.30	MAY 16	48.02		

310928092421401 LOCAL WELL NUMBER: R-851

OWNER: U. S. GEOL. SURVEY. (SEC. 8, T. 2N., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 131 FT, SCREENED 128-131. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 220.55 FT NGVD.
HIGHEST WATER LEVEL 52.48 BELOW LSD, JUNE 25, 1976, JULY 20, 1976,
LOWEST WATER LEVEL 56.79 BELOW LSD, APR. 6, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 11, 1984	54.26	APR. 2, 1984	53.58	JUNE 15, 1984	53.42	SEP. 17, 1984	53.13

311655092192101 LOCAL WELL NUMBER: R-861

OWNER: BODCAW CO. (SEC. 42, T. 4N., R. 1E.) DRILLED UNUSED ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 87 FT, SCREENED 76-87. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 128.47 FT NGVD.
HIGHEST WATER LEVEL 43.09 BELOW LSD, MAY 21, 1966,
LOWEST WATER LEVEL 45.48 BELOW LSD, JAN. 15, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	44.38						

See footnotes at end of table.

OUACHITA PARISH

322437092243101 LOCAL WELL NUMBER: OU-488

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 16N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 795 FT, SCREENED 785-795. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 300.39 BELOW LSD, APR. 18, 1979,
LOWEST WATER LEVEL 311.97 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 22, 1983	311.21	MAR. 28, 1984	310.39	JUNE 8, 1984	310.90	SEP. 21, 1984	311.97

POINTE COUPEE PARISH

304939091422101 LOCAL WELL NUMBER: PC-39

OWNER: C. FLINT. (SEC. 13, T. 3S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 IN, REPORTED DEPTH 460 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF REDUCER AT WELL, 1.30 FT ABOVE LSD.
LSD 41.00 FT NGVD.
HIGHEST WATER LEVEL 3.19 ABOVE LSD, MAY 23, 1973,
LOWEST WATER LEVEL 26.64 BELOW LSD, DEC. 4, 1963.
RECORDS AVAILABLE 1961, 1963-64, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	23.75	APR. 16, 1984	8.60				

304645091434901 LOCAL WELL NUMBER: PC-49

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 3S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 137 FT, SCREENED 132-137. MP TOP OF 4-IN CASING, 1.00 FT ABOVE LSD.
LSD 36.00 FT NGVD.
HIGHEST WATER LEVEL 0.59 BELOW LSD, MAR. 29, 1962,
LOWEST WATER LEVEL 28.95 BELOW LSD, NOV. 4, 1963.
RECORDS AVAILABLE 1955-68, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	27.35	APR. 16, 1984	17.15				

303556091234001 LOCAL WELL NUMBER: PC-66

OWNER: MRS. ST. GEORGE HINES. (SEC. 48, T. 5S., R. 11E.) DRILLED DOMESTIC ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1530 FT, SCREENED 1490-1530. MP TOP OF SANITARY SEAL, 2.30 FT ABOVE LSD.
LSD 33.00 FT NGVD.
HIGHEST WATER LEVEL 33.79 BELOW LSD, JUNE 16, 1970,
LOWEST WATER LEVEL 60.70 BELOW LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1970, 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	57.85	APR. 16, 1984	56.65				

303402091325501 LOCAL WELL NUMBER: PC-70

OWNER: THEO H. GLAZIER, SR. (SEC. 16, T. 6S., R. 9E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 2294 FT, SCREENED 2259-2294. MP CENTERLINE OF TEE, 0.80 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 69.50 ABOVE LSD, JULY 15, 1960,
LOWEST WATER LEVEL 5.40 ABOVE LSD, OCT. 15, 1981.
RECORDS AVAILABLE 1960-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	+6.90						

See footnotes at end of table.

POINTE COUPEE PARISH

303357091330401 LOCAL WELL NUMBER: PC-138

OWNER: VILLAGE OF LIVONIA. (SEC. 16, T. 6S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1637 FT, SCREENED 1617-1637. MP TOP OF 3/4-IN PLUG IN TOP OF WELL, 1.56 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 16.64 BELOW LSD, MAY 23, 1973.
LOWEST WATER LEVEL 35.44 BELOW LSD, OCT. 7, 1982.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	34.59	APR. 16, 1984	34.04				

305023091393901 LOCAL WELL NUMBER: PC-143

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,800-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 1228 FT, SCREENED 1218-1228. MP 3/8-IN HOLE IN 2-IN PLUG ATOP WELL, 2.50 FT ABOVE LSD.
LSD 41.00 FT NGVD.
HIGHEST WATER LEVEL 18.60 ABOVE LSD, APR. 17, 1968.
LOWEST WATER LEVEL 6.10 BELOW LSD, OCT. 28, 1983.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	6.10	APR. 16, 1984	1.60				

305023091393902 LOCAL WELL NUMBER: PC-144

OWNER: U. S. GEOL. SURVEY. (SEC. 37, T. 3S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 835 FT, SCREENED 825-835. MP CENTER OF GAGE IN BUSHING ATOP CASING, 2.66 FT ABOVE LSD.
LSD 41.00 FT NGVD.
HIGHEST WATER LEVEL 12.20 ABOVE LSD, APR. 17, 1968.
LOWEST WATER LEVEL 7.14 BELOW LSD, OCT. 7, 1982, OCT. 28, 1983.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	7.14	APR. 16, 1984	5.09				

303835091202401 LOCAL WELL NUMBER: PC-146

OWNER: GLYNN WATER WORKS. (SEC. 56, T. 5S., R. 11E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 IN, DEPTH 1785 FT, SCREENED 1765-1785. MP BOTTOM EDGE 1 X 2-IN REDUCER, 1.15 FT ABOVE LSD.
LSD 33.00 FT NGVD.
HIGHEST WATER LEVEL 4.95 BELOW LSD, JUNE 20, 1974.
LOWEST WATER LEVEL 25.25 BELOW LSD, NOV. 5, 1980.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1983	21.30	APR. 16, 1984	19.50				

303538091232501 LOCAL WELL NUMBER: PC-154

OWNER: ALMA PLANTATION. (SEC. 48, T. 5S., R. 11E.) DRILLED INDUSTRIAL ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 1263 FT, SCREENED 1174-1228 AND 1237-1263. MP 3/4-IN PLUG IN SANITARY SEAL, 1.16 FT ABOVE LSD.
LSD 36.00 FT NGVD.
HIGHEST WATER LEVEL 37.84 BELOW LSD, AUG. 4, 1975.
LOWEST WATER LEVEL 61.49 BELOW LSD, OCT. 7, 1982.
RECORDS AVAILABLE 1972-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 16, 1984	51.79						

310734092373801 LOCAL WELL NUMBER: R-868

OWNER: CITY OF ALEXANDRIA. (SEC. 25, T. 2N., R. 3W.) DRILLED UNUSED WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 104 FT, SCREENED 99-104. MP TOP OF 1/2-IN NIPPLE, 0.80 FT ABOVE LSD.
LSD 225.89 FT NGVD.
HIGHEST WATER LEVEL 34.14 BELOW LSD, APR. 30, 1968,
LOWEST WATER LEVEL 61.27 BELOW LSD, DEC. 3, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	52.82	APR. 2, 1984	52.42	JUNE 15, 1984	51.36	SEP. 17, 1984	52.43
JAN. 11, 1984	53.88	MAY 16	51.76	AUG. 2	55.07		

312409092520901 LOCAL WELL NUMBER: R-879

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 5N., R. 5W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 810 FT, SCREENED 800-810. MP TOP OF CASING, 3.90 FT ABOVE LSD.
LSD 300.00 FT NGVD.
HIGHEST WATER LEVEL 209.43 BELOW LSD, APR. 8, 1969,
LOWEST WATER LEVEL 217.18 BELOW LSD, SEP. 28, 1982.
RECORDS AVAILABLE 1967-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	217.08						

312339092094501 LOCAL WELL NUMBER: R-893

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 22, T. 5N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 820 FT, SCREENED 810-820. MP TOP OF CASING, 1.50 FT ABOVE LSD.
LSD 60.00 FT NGVD.
HIGHEST WATER LEVEL 28.23 BELOW LSD, APR. 15, 1970,
LOWEST WATER LEVEL 72.04 BELOW LSD, SEP. 14, 1982.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1984	53.68D	MAY 1, 1984	54.12D	AUG. 1, 1984	61.01C	SEP. 17, 1984	64.49C
APR. 2	54.68D						

310522092305401 LOCAL WELL NUMBER: R-1015

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 1N., R. 1W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 65 FT, SCREENED 62-65. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 165.00 FT NGVD.
HIGHEST WATER LEVEL 36.07 BELOW LSD, MAR. 21, 1974,
LOWEST WATER LEVEL 45.67 BELOW LSD, JAN. 25, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	42.29	APR. 2, 1984	38.89	JUNE 15, 1984	39.10	SEP. 17, 1984	40.96
JAN. 11, 1984	41.98	MAY 16	39.23	AUG. 2	39.88		

310404092313001 LOCAL WELL NUMBER: R-1016

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 74 FT, SCREENED 71-74. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 180.00 FT NGVD.
HIGHEST WATER LEVEL 31.94 BELOW LSD, JUNE 24, 1976,
LOWEST WATER LEVEL 37.52 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	35.15						

See footnotes at end of table.

RAPIDES PARISH

310329092320801 LOCAL WELL NUMBER: R-1017

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 1N., R. 2W.) BORED OBSERVATION ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 84 FT, SCREENED 81-84. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 185.00 FT NGVD.
HIGHEST WATER LEVEL 40.88 BELOW LSD, MAY 19, 1976.
LOWEST WATER LEVEL 46.87 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	44.92						

310340092332801 LOCAL WELL NUMBER: R-1018

OWNER: U. S. GEOL. SURVEY. (SEC. 15, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 138 FT, SCREENED 135-138. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 59.26 BELOW LSD, JUNE 17, 1974.
LOWEST WATER LEVEL 68.45 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	65.13						

310125092324801 LOCAL WELL NUMBER: R-1019

OWNER: U. S. GEOL. SURVEY. (SEC. 35, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 88 FT, SCREENED 85-88. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 150.00 FT NGVD.
HIGHEST WATER LEVEL 44.77 BELOW LSD, MAY 9, 1974.
LOWEST WATER LEVEL 51.40 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	47.15						

310008092340801 LOCAL WELL NUMBER: R-1020

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 1S., R. 2W.) BORED OBSERVATION ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 24 FT, SCREENED 21-24. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 60.00 FT NGVD.
HIGHEST WATER LEVEL 3.17 BELOW LSD, SEP. 22, 1983.
LOWEST WATER LEVEL 7.62 BELOW LSD, SEP. 21, 1978.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	6.64						

310131092345901 LOCAL WELL NUMBER: R-1021

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 96 FT, SCREENED 93-96. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 155.00 FT NGVD.
HIGHEST WATER LEVEL 42.68 BELOW LSD, MAY 9, 1974.
LOWEST WATER LEVEL 51.32 BELOW LSD, NOV. 16, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	47.85	APR. 2, 1984	46.22	JUNE 15, 1984	46.27	SEP. 17, 1984	47.03
JAN. 11, 1984	48.15	MAY 16	46.28	AUG. 2	46.49		

310303092355401 LOCAL WELL NUMBER: R-1022

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 96 FT, SCREENED 93-96. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 170.00 FT NGVD.
HIGHEST WATER LEVEL 35.59 BELOW LSD, MAR. 21, 1974,
LOWEST WATER LEVEL 46.06 BELOW LSD, NOV. 16, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	41.09	APR. 2, 1984	40.08	JUNE 15, 1984	39.91	SEP. 17, 1984	40.60
JAN. 11, 1984	41.45	MAY 16	39.95	AUG. 2	40.07		

310403092370702 LOCAL WELL NUMBER: R-1024A

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 1N., R. 2W.) BORED OBSERVATION SEMIARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 16 FT, SCREENED 13-16. MP TOP OF CASING, 4.03 FT ABOVE LSD.
LSD 115.00 FT NGVD.
HIGHEST WATER LEVEL 0.21 ABOVE LSD, MAY 23, 1983,
LOWEST WATER LEVEL 5.77 BELOW LSD, AUG. 26, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	4.24	APR. 2, 1984	3.76	JUNE 15, 1984	3.63	SEP. 17, 1984	4.40
JAN. 11, 1984	2.83	MAY 16	4.07	AUG. 2	4.21		

310403092370701 LOCAL WELL NUMBER: R-1024B

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 1N., R. 2W.) BORED OBSERVATION SEMIARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 152 FT, SCREENED 149-152. MP TOP OF CASING, 3.32 FT ABOVE LSD (SINCE 8/26/81).
LSD 115.00 FT NGVD.
HIGHEST WATER LEVEL 1.10 ABOVE LSD, MAY 23, 1983,
LOWEST WATER LEVEL 4.88 BELOW LSD, AUG. 24, 1983.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	3.28	APR. 2, 1984	2.58	JUNE 15, 1984	2.39	SEP. 17, 1984	3.39
JAN. 11, 1984	1.94	MAY 16	2.93	AUG. 2	3.13		

310421092351001 LOCAL WELL NUMBER: R-1026

OWNER: U. S. GEOL. SURVEY. (SEC. 9, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 116 FT, SCREENED 113-116. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 47.37 BELOW LSD, MAR. 21, 1974,
LOWEST WATER LEVEL 57.34 BELOW LSD, SEP. 30, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	51.98						

310510092344601 LOCAL WELL NUMBER: R-1027

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 1N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 148 FT, SCREENED 145-148. MP TOP OF CASING, 5.00 FT ABOVE LSD.
LSD 230.00 FT NGVD.
HIGHEST WATER LEVEL 70.13 BELOW LSD, OCT. 29, 1975,
LOWEST WATER LEVEL 80.42 BELOW LSD, SEP. 30, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	74.70						

310635092391602 LOCAL WELL NUMBER: R-1029A

OWNER: U. S. GEOL. SURVEY. (SEC. 34, T. 2N., R. 3W.) BORED OBSERVATION ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 22 FT, SCREENED 19-22. MP TOP OF CASING, 2.61 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 6.55 BELOW LSD, MAY 3, 1977,
LOWEST WATER LEVEL 11.67 BELOW LSD, MAY 12, 1978.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	10.96	APR. 2, 1984	10.07	JUNE 15, 1984	9.93	SEP. 17, 1984	10.89
JAN. 11, 1984	9.33	MAY 16	10.52	AUG. 2	10.31		

310635092391601 LOCAL WELL NUMBER: R-1029B

OWNER: U. S. GEOL. SURVEY. (SEC. 34, T. 2N., R. 3W.) BORED OBSERVATION ARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 152 FT, SCREENED 149-152. MP TOP OF CASING, 2.73 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 6.84 BELOW LSD, MAY 3, 1977,
LOWEST WATER LEVEL 11.73 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	10.63	APR. 2, 1984	9.10	JUNE 15, 1984	8.87	SEP. 17, 1984	10.40
JAN. 11, 1984	9.05	MAY 16	9.70	AUG. 2	10.00		

310552092410301 LOCAL WELL NUMBER: R-1030

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 1N., R. 3W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 134 FT, SCREENED 131-134. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 66.89 BELOW LSD, OCT. 29, 1975,
LOWEST WATER LEVEL 74.09 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	69.02						

310436092430201 LOCAL WELL NUMBER: R-1031

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 1N., R. 3W.) BORED OBSERVATION SEMIARTESIAN WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 95 FT, SCREENED 92-95. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 0.26 ABOVE LSD, FEB. 22, 1979,
LOWEST WATER LEVEL 8.57 BELOW LSD, SEP. 18, 1981.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 22, 1983	3.42	APR. 2, 1984	5.34	JUNE 15, 1984	3.51	SEP. 17, 1984	8.22
JAN. 11, 1984	2.07	MAY 16	5.83	AUG. 2	6.14		

310919092385701 LOCAL WELL NUMBER: R-1032

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 2N., R. 3W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 116 FT, SCREENED 113-116. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 240.00 FT NGVD.
HIGHEST WATER LEVEL 87.08 BELOW LSD, AUG. 18, 1976,
LOWEST WATER LEVEL 91.79 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	88.35						

310927092374001 LOCAL WELL NUMBER: R-1033

OWNER: U. S. GEOL. SURVEY. (SEC. 12, T. 2N., R. 3W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 84 FT, SCREENED 81-84. MP TOP OF CASING, 3.50 FT ABOVE LSD.
LSD 175.00 FT NGVD.
HIGHEST WATER LEVEL 34.77 BELOW LSD, NOV. 13, 1975,
LOWEST WATER LEVEL 43.54 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	38.24						

310808092374001 LOCAL WELL NUMBER: R-1034

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 2N., R. 3W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 95 FT, SCREENED 92-95. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 38.58 BELOW LSD, NOV. 13, 1975,
LOWEST WATER LEVEL 52.71 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	45.48						

310806092351801 LOCAL WELL NUMBER: R-1035

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 2N., R. 2W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 127 FT, SCREENED 124-127. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 230.00 FT NGVD.
HIGHEST WATER LEVEL 73.63 BELOW LSD, NOV. 10, 1977,
LOWEST WATER LEVEL 85.49 BELOW LSD, SEP. 27, 1982.
RECORDS AVAILABLE 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	81.29						

311159092441001 LOCAL WELL NUMBER: R-1056

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 3N., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 1555 FT, SCREENED 1545-1555. MP TOP OF CASING, 3.20 FT ABOVE LSD.
LSD 240.00 FT NGVD.
HIGHEST WATER LEVEL 157.97 BELOW LSD, MAY 9, 1977,
LOWEST WATER LEVEL 207.89 BELOW LSD, SEP. 17, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 12, 1984	199.98	MAR. 26, 1984	204.18	MAY 15, 1984	203.98	SEP. 17, 1984	207.89

310541092293601 LOCAL WELL NUMBER: R-1085B

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 1N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF PLIOCENE-MIOCENE AGE, DIAM 2 IN, DEPTH 500 FT, SCREENED 490-500. MP TOP OF CASING, AT LSD.
LSD 100.00 FT NGVD.
HIGHEST WATER LEVEL 38.60 BELOW LSD, MAY 20, 1975,
LOWEST WATER LEVEL 53.45 BELOW LSD, SEP. 17, 1984.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 17, 1984	53.45						

RAPIDES PARISH

310007092431601 LOCAL WELL NUMBER: R-1207

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 1S., R. 4W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 4 TO 2 IN, DEPTH 2772 FT, SCREENED 2752-2772. MP TOP OF BUSHING, 4.20 FT ABOVE LSD.
LSD 180.00 FT NGVD.
HIGHEST WATER LEVEL 56.10 BELOW LSD, DEC. 1, 1981.
LOWEST WATER LEVEL 62.82 BELOW LSD, JULY 31, 1984.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 15, 1983	58.89	FEB. 15, 1984	59.60	JUNE 20, 1984	60.84	SEP. 18, 1984	61.91
JAN. 19, 1984	60.09	MAR. 29	60.27	JULY 31	62.82		

310007092431602 LOCAL WELL NUMBER: R-1208

OWNER: U. S. GEOL. SURVEY. (SEC. 1, T. 1S., R. 4W.) DRILLED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 117 FT, SCREENED 92-117. MP TOP OF CASING, 1.70 FT ABOVE LSD.
LSD 180.00 FT NGVD.
HIGHEST WATER LEVEL 27.19 BELOW LSD, JUNE 20, 1984.
LOWEST WATER LEVEL 32.41 BELOW LSD, NOV. 26, 1982.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 15, 1983	29.43	FEB. 15, 1984	28.80	JUNE 20, 1984	27.19	SEP. 18, 1984	28.20
JAN. 19, 1984	29.35	MAR. 29	27.64	JULY 31	27.51		

RED RIVER PARISH

321010093143901 LOCAL WELL NUMBER: RR-274

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 14N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 206 FT, SCREENED 196-206. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 235.00 FT NGVD.
HIGHEST WATER LEVEL 58.04 BELOW LSD, MAY 15, 1980.
LOWEST WATER LEVEL 62.26 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	59.96	MAR. 28, 1984	58.07	JUNE 13, 1984	58.83	AUG. 8, 1984	59.70
JAN. 5, 1984	59.09	APR. 18	60.22	JULY 19	59.54	SEP. 14	60.25
FEB. 23	60.01	MAY 16	58.62				

321010093143902 LOCAL WELL NUMBER: RR-276

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 14N., R. 9W.) BORED OBSERVATION WATER-TABLE WELL IN THE TERRACE AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 42 FT, SCREENED 39-42. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.
LSD 235.00 FT NGVD.
HIGHEST WATER LEVEL 21.64 BELOW LSD, MAY 15, 1980.
LOWEST WATER LEVEL 27.74 BELOW LSD, OCT. 8, 1982.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9. 1983	25.43	APR. 18, 1984	24.12	JUNE 13, 1984	23.41	AUG. 8, 1984	24.94
JAN. 5, 1984	23.72	MAY 16	24.15	JULY 19	24.23	SEP. 14	25.63

320316093114201 LOCAL WELL NUMBER: RR-278

OWNER: U. S. GEOL. SURVEY. (SEC. 4, T. 12N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 348 FT, SCREENED 338-348. MP TOP OF BUSHING, AT LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 19.03 BELOW LSD, MAR. 28, 1984.
LOWEST WATER LEVEL 20.58 BELOW LSD, NOV. 24, 1982.
RECORDS AVAILABLE 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	19.95	FEB. 23, 1984	19.87	MAY 9, 1984	19.36	AUG. 8, 1984	19.73
JAN. 5, 1984	19.45	MAR. 28	19.03	JUNE 26	19.50	SEP. 24	19.86

RED RIVER PARISH

320019093225603 LOCAL WELL NUMBER: RR-280

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 12N., R. 10W.) BORED OBSERVATION ARTESIAN WELL IN THE RED RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 42 FT, SCREENED 39-42. MP TOP OF CASING, 4.70 FT ABOVE LSD.
LSD 128.00 FT NGVD.
HIGHEST WATER LEVEL 4.79 BELOW LSD, MAR. 8, 1983,
LOWEST WATER LEVEL 14.88 BELOW LSD, OCT. 4, 1982.
RECORDS AVAILABLE 1982-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	13.57	JAN. 3, 1984	10.04	APR. 11, 1984	8.31	JULY 16, 1984	12.21
OCT. 31	14.64	FEB. 6	10.55	MAY 14	10.26	AUG. 6	13.36
DEC. 5	11.53	MAR. 5	5.05	JUNE 11	10.67	SEP. 10	14.23

RICHLAND PARISH

322956091441001 LOCAL WELL NUMBER: RI-88

OWNER: U. S. GEOL. SURVEY. (SEC. 34, T. 18N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 4 IN, DEPTH 239 FT, SCREENED 229-239. MP TOP OF 4-IN COLLAR, 3.60 FT ABOVE LSD.
LSD 85.00 FT NGVD.
HIGHEST WATER LEVEL 17.00 BELOW LSD, MAY 21, 1975,
LOWEST WATER LEVEL 20.68 BELOW LSD, SEP. 22, 1982.
RECORDS AVAILABLE 1969-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	17.93						

323029091430001 LOCAL WELL NUMBER: RI-89

OWNER: U. S. GEOL. SURVEY. (SEC. 26, T. 18N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 300 FT, SCREENED 290-300. MP TOP OF CASING, 4.20 FT ABOVE LSD.
LSD 84.00 FT NGVD.
HIGHEST WATER LEVEL 17.75 BELOW LSD, MAY 21, 1975,
LOWEST WATER LEVEL 21.23 BELOW LSD, SEP. 10, 1969.
RECORDS AVAILABLE 1969-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	18.66						

322706091453401 LOCAL WELL NUMBER: RI-91

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 17N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 180 FT, SCREENED 170-180. MP TOP OF CASING, 3.90 FT ABOVE LSD.
LSD 80.00 FT NGVD.
HIGHEST WATER LEVEL 9.19 BELOW LSD, MAY 3, 1984,
LOWEST WATER LEVEL 13.98 BELOW LSD, NOV. 30, 1970.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	9.19						

322706091453402 LOCAL WELL NUMBER: RI-92

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 17N., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 153 FT, SCREENED 143-153. MP TOP OF HOLE IN CASING CAP, 4.30 FT ABOVE LSD.
LSD 80.00 FT NGVD.
HIGHEST WATER LEVEL 9.20 BELOW LSD, MAY 3, 1984,
LOWEST WATER LEVEL 13.98 BELOW LSD, NOV. 30, 1970.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	9.20						

RICHLAND PARISH

322804091375002 LOCAL WELL NUMBER: RI-93A

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 17N., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 239 FT, SCREENED 229-239. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 80.00 FT NGVD.
HIGHEST WATER LEVEL 15.09 BELOW LSD, FEB. 20, 1976,
LOWEST WATER LEVEL 18.25 BELOW LSD, JULY 20, 1970.
RECORDS AVAILABLE 1970-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	16.65						

323217091295002 LOCAL WELL NUMBER: RI-95A

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 18N., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 200 FT, SCREENED 190-200. MP TOP OF CASING, 2.00 FT ABOVE LSD.
LSD 90.00 FT NGVD.
HIGHEST WATER LEVEL 23.58 BELOW LSD, MAY 3, 1984,
LOWEST WATER LEVEL 25.53 BELOW LSD, NOV. 30, 1970.
RECORDS AVAILABLE 1970-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	23.58						

323003091301301 LOCAL WELL NUMBER: RI-96

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 18N., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 170 FT, SCREENED 160-170. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 90.00 FT NGVD.
HIGHEST WATER LEVEL 15.18 BELOW LSD, MAY 3, 1984,
LOWEST WATER LEVEL 17.34 BELOW LSD, NOV. 30, 1970.
RECORDS AVAILABLE 1970-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	15.18						

322750091350501 LOCAL WELL NUMBER: RI-97

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 17N., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 239 FT, SCREENED 229-239. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 80.00 FT NGVD.
HIGHEST WATER LEVEL 13.96 BELOW LSD, MAY 21, 1975,
LOWEST WATER LEVEL 17.48 BELOW LSD, AUG. 25, 1970.
RECORDS AVAILABLE 1970-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3, 1984	15.36						

322623091294901 LOCAL WELL NUMBER: RI-112

OWNER: MRS. EMMETT REYNOLDS. (SEC. 24, T. 17N., R. 9E.) DRILLED UNUSED WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 67 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 2.00 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 30.19 BELOW LSD, MAY 25, 1978,
LOWEST WATER LEVEL 35.42 BELOW LSD, SEP. 22, 1982.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 2, 1984	34.01						

RICHLAND PARISH

322636091295702 LOCAL WELL NUMBER: RI-114

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 17N., R. 9E.) DRILLED OBSERVATION WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 66 FT, SCREENED 63-66. MP TOP OF CASING, 4.35 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 31.91 BELOW LSD, AUG. 7, 1975,
LOWEST WATER LEVEL 34.95 BELOW LSD, DEC. 4, 1972.
RECORDS AVAILABLE 1972-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 2, 1984	32.29						

322605091301101 LOCAL WELL NUMBER: RI-124

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 17N., R. 9E.) BORED OBSERVATION WATER-TABLE WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 84 FT, SCREENED 81-84. MP TOP OF CASING, 1.60 FT ABOVE LSD (SINCE 5/2/84).
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 32.13 BELOW LSD, AUG. 7, 1975 (FORMERLY PUBLISHED AS 30.75 BELOW LSD, AUG. 20, 1979),
LOWEST WATER LEVEL 34.53 BELOW LSD, SEP. 22, 1982.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 2, 1984	32.65						

SABINE PARISH

313510093282101 LOCAL WELL NUMBER: SA-103

OWNER: LOUIS ALFORD. (SEC. 14, T. 7N., R. 11W.) DRILLED UNUSED ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 10 IN, DEPTH 170 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.80 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 3.34 BELOW LSD, MAR. 21, 1961,
LOWEST WATER LEVEL 16.93 BELOW LSD, JULY 25, 1955, MAR. 1, 1982.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	11.26	APR. 5, 1984	11.56	JUNE 20, 1984	11.24	SEP. 21, 1984	12.18

314708093385201 LOCAL WELL NUMBER: SA-163

OWNER: SABINE PARISH SCHOOL BOARD. (SEC. 12, T. 9N., R. 13W.) DRILLED UNUSED ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 6 IN, DEPTH 200 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 305.00 FT NGVD.
HIGHEST WATER LEVEL 83.29 BELOW LSD, MAY 31, 1979,
LOWEST WATER LEVEL 89.80 BELOW LSD, JUNE 25, 1963.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 28, 1984	85.85	JULY 2, 1984	86.20	SEP. 24, 1984	87.36		

312243093240501 LOCAL WELL NUMBER: SA-287

OWNER: A. J. HODGES. (SEC. 28, T. 5N., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 6 IN, DEPTH 208 FT, SCREENED 178-208. MP 1/2-IN HOLE IN SANITARY SEAL, 1.20 FT ABOVE LSD.
LSD 310.00 FT NGVD.
HIGHEST WATER LEVEL 64.02 BELOW LSD, DEC. 17, 1958,
LOWEST WATER LEVEL 70.20 BELOW LSD, FEB. 12, 1973.
RECORDS AVAILABLE 1958, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	66.45						

SABINE PARISH

311828093270301 LOCAL WELL NUMBER: SA-386

OWNER: U. S. GEOL. SURVEY. (SEC. 24, T. 4N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 131 FT, SCREENED 126-131. MP TOP OF CASING, 2.20 FT ABOVE LSD.
LSD 242.00 FT NGVD.
HIGHEST WATER LEVEL 12.78 BELOW LSD, APR. 24, 1973,
LOWEST WATER LEVEL 17.73 BELOW LSD, OCT. 29, 1980.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	16.18	FEB. 23, 1984	14.56	MAY 10, 1984	13.39	SEP. 20, 1984	16.89
JAN. 17, 1984	14.18	APR. 5	13.56	JUNE 19	14.42		

311930093362001 LOCAL WELL NUMBER: SA-387

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 4N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 402 FT, SCREENED 397-402. MP TOP OF CASING, 1.45 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 39.59 BELOW LSD, JUNE 4, 1969,
LOWEST WATER LEVEL 67.86 BELOW LSD, OCT. 28, 1965.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	43.11	APR. 5, 1984	43.96	JUNE 19, 1984	44.51	SEP. 20, 1984	44.34

311930093362002 LOCAL WELL NUMBER: SA-388

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 4N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 265 FT, SCREENED 260-265. MP TOP OF CASING, 1.20 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 40.28 BELOW LSD, JAN. 31, 1974,
LOWEST WATER LEVEL 65.18 BELOW LSD, OCT. 28, 1965.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 5, 1984	42.16	JUNE 19, 1984	42.69	SEP. 21, 1984	43.64		

312314093352901 LOCAL WELL NUMBER: SA-389

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 5N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 383 FT, SCREENED 378-383. MP TOP OF CASING, 1.30 FT ABOVE LSD.
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 70.58 BELOW LSD, MAR. 27, 1969,
LOWEST WATER LEVEL 77.49 BELOW LSD, FEB. 2, 1967.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	74.94	APR. 5, 1984	72.33	JUNE 19, 1984	73.17	SEP. 21, 1984	76.03

312604093315801 LOCAL WELL NUMBER: SA-390

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 5N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 362 FT, SCREENED 357-362. MP TOP OF CASING, 0.70 FT ABOVE LSD.
LSD 325.00 FT NGVD.
HIGHEST WATER LEVEL 115.30 BELOW LSD, MAY 28, 1980,
LOWEST WATER LEVEL 117.52 BELOW LSD, DEC. 5, 1967.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	116.00	SEP. 24, 1984	116.94				

312329093295201 LOCAL WELL NUMBER: SA-391

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 5N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 383 FT SCREENED 378-383. MP TOP OF CASING, 1.65 FT ABOVE LSD.
LSD 240.00 FT NGVD.
HIGHEST WATER LEVEL 0.49 ABOVE LSD, JAN. 17, 1984,
LOWEST WATER LEVEL 4.85 BELOW LSD, OCT. 6, 1971.
RECORDS AVAILABLE 1965-74, 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	+0.49	SEP. 24, 1984	+0.08				

312206093311001 LOCAL WELL NUMBER: SA-392

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 5N., R. 11W.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 2 IN, DEPTH 544 FT, SCREENED 539-544. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 242.00 FT NGVD.
HIGHEST WATER LEVEL 23.79 BELOW LSD, JULY 3, 1975,
LOWEST WATER LEVEL 26.30 BELOW LSD, NOV. 13, 1979.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 17, 1984	24.18	APR. 5, 1984	24.49	JUNE 19, 1984	24.19	SEP. 24, 1984	24.58

313748093451001 LOCAL WELL NUMBER: SA-394

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 8N., R. 14W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 278 FT, SCREENED 273-278. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 265.00 FT NGVD.
HIGHEST WATER LEVEL 106.74 BELOW LSD, APR. 9, 1975,
LOWEST WATER LEVEL 118.85 BELOW LSD, OCT. 4, 1967.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 24, 1984	109.40						

314620093460801 LOCAL WELL NUMBER: SA-395

OWNER: U. S. GEOL. SURVEY. (SEC. 14, T. 9N., R. 14W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 293 FT, SCREENED 288-293. MP TOP OF CASING, 1.50 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 1.03 ABOVE LSD, JUNE 5, 1968,
LOWEST WATER LEVEL 7.55 BELOW LSD, JULY 2, 1984.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1983	5.57	MAR. 1, 1984	5.70	APR. 30, 1984	5.30	JULY 30, 1984	7.48
JAN. 5, 1984	6.24	MAR. 28	5.65	JULY 2	7.55	SEP. 24	7.54

312748093393801 LOCAL WELL NUMBER: SA-462

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 6N., R. 13W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 178 FT, SCREENED 168-178. MP TOP OF CASING, 3.94 FT ABOVE LSD.
LSD 280.00 FT NGVD.
HIGHEST WATER LEVEL 102.69 BELOW LSD, MAR. 12, 1980,
LOWEST WATER LEVEL 104.05 BELOW LSD, SEP. 21, 1982.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 6, 1984	103.32	JUNE 19, 1984	103.25	SEP. 24, 1984	103.33		

See footnotes at end of table.

SABINE PARISH

312725093325301 LOCAL WELL NUMBER: SA-465

OWNER: U. S. GEOL. SURVEY. (SEC. 39, T. 6N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE WILCOX GROUP OF EOCENE-PALEOCENE AGE, DIAM 2 IN, DEPTH 80 FT, SCREENED 70-80. MP TOP OF CASING, 4.04 FT ABOVE LSD.
LSD 265.00 FT NGVD.
HIGHEST WATER LEVEL 39.55 BELOW LSD, MAY 28, 1980,
LOWEST WATER LEVEL 47.46 BELOW LSD, SEP. 21, 1982.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 6, 1984	41.59	JUNE 19, 1984	41.98	SEP. 24, 1984	44.03		

ST. CHARLES PARISH

300022090241001 LOCAL WELL NUMBER: SC-9

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 24 IN, DEPTH 808 FT, SCREENED 673-808. MP TOP 2-IN COLLAR ON STEEL PLATE, 0.28 FT ABOVE LSD.
LSD 4.79 FT NGVD.
HIGHEST WATER LEVEL 12.40 BELOW LSD, JAN. 19, 1950,
LOWEST WATER LEVEL 39.98 BELOW LSD, SEP. 14, 1953.
RECORDS AVAILABLE 1943, 1949-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	24.87	MAR. 1, 1984	24.52	MAY 24, 1984	24.12	AUG. 10, 1984	24.74
JAN. 3, 1984	24.47	APR. 3	24.41	JULY 11	24.92	SEP. 5	24.85
JAN. 19	24.68						

300022090241002 LOCAL WELL NUMBER: SC-14

OWNER: SHELL OIL CO. (SEC. 6, T. 12S., R. 8E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 404 FT, SCREENED 324-404. MP BOTTOM EDGE OF DOOR ON CULVERT, 1.35 FT ABOVE LSD.
LSD 5.51 FT NGVD.
HIGHEST WATER LEVEL 27.21 BELOW LSD, DEC. 15, 1979,
LOWEST WATER LEVEL 90.74 BELOW LSD, SEP. 17, 1957.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	33.04	JAN. 10, 1984	37.65	APR. 5, 1984	30.58	JULY 5, 1984	36.18
OCT. 10	33.15	JAN. 15	36.61	APR. 10	32.77	JULY 10	36.40
OCT. 15	33.32	JAN. 19	35.70H	APR. 15	33.09	JULY 11	36.40H
OCT. 20	33.25H	JAN. 20	35.77	APR. 20	35.94	JULY 15	36.62
OCT. 25	32.97	JAN. 25	35.49	APR. 25	35.97	JULY 20	36.68
OCT. 31	32.39	JAN. 31	35.32	APR. 30	36.16	JULY 25	36.76
NOV. 5	31.86	FEB. 5	34.84	MAY 5	33.94	JULY 31	36.40
NOV. 10	36.96	FEB. 10	35.08	MAY 10	33.99	AUG. 5	35.85
NOV. 15	38.31	FEB. 15	34.80	MAY 15	34.10	AUG. 10	36.32H
NOV. 20	38.56	FEB. 20	34.38	MAY 20	33.66	AUG. 15	36.45
NOV. 25	38.32	FEB. 25	34.19	MAY 24	33.55H	AUG. 20	36.65
NOV. 30	38.22	FEB. 29	33.91	MAY 25	33.76	AUG. 25	37.11
DEC. 5	38.11	MAR. 1	33.80H	MAY 31	34.18	AUG. 31	37.20
DEC. 10	37.86	MAR. 5	33.67	JUNE 5	34.68	SEP. 5	37.49H
DEC. 15	37.66	MAR. 10	33.51	JUNE 10	35.18	SEP. 10	37.54
DEC. 20	37.46	MAR. 15	33.24	JUNE 15	35.49	SEP. 15	37.76
DEC. 25	37.27	MAR. 20	32.41	JUNE 20	35.68	SEP. 20	37.59
DEC. 31	36.69	MAR. 25	31.07	JUNE 25	35.59	SEP. 25	37.61
JAN. 3, 1984	36.55H	MAR. 31	30.54	JUNE 30	35.78	SEP. 30	44.58
JAN. 5	36.79	APR. 3	30.65H				

See footnotes at end of table.

295635090193701 LOCAL WELL NUMBER: SC-24

OWNER: INTL. TANK TERMINAL. (SEC. 40, T. 13S., R. 9E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 18 IN, DEPTH 492 FT, SCREENED 439-492. MP TOP EDGE OF HOLE IN STEEL PLATE OVER TOP OF WELL, 2.80 FT ABOVE LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 20, 1976,
LOWEST WATER LEVEL 29.45 BELOW LSD, NOV. 4, 1965.
RECORDS AVAILABLE 1960-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	16.30						

295556090214201 LOCAL WELL NUMBER: SC-80

OWNER: AMBROSE CHAMPAGNE. (SEC. 15, T. 13S., R. 21E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 256 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN CASING, 0.90 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 13.00 FT NGVD.
HIGHEST WATER LEVEL 8.01 BELOW LSD, MAY 21, 1979,
LOWEST WATER LEVEL 28.40 BELOW LSD, JAN. 30, 1957.
RECORDS AVAILABLE 1957-61, 1963, 1965-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	11.05						

295950090283001 LOCAL WELL NUMBER: SC-82

OWNER: LA. POWER & LIGHT CO. (SEC. 26, T. 12S., R. 20E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 373 FT, SCREENED INTERVAL UNKNOWN. MP TOP EDGE OF HOLE IN 4-IN CAP AT TOP OF 4-IN CASING EXTENSION, 4.69 FT ABOVE LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 17.63 BELOW LSD, MAY 21, 1979,
LOWEST WATER LEVEL 36.34 BELOW LSD, NOV. 4, 1958.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	24.31	MAY 1, 1984	19.91				

295633090193101 LOCAL WELL NUMBER: SC-102

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 13S., R. 9E.) BORED OBSERVATION ARTESIAN WELL IN POINT-BAR DEPOSITS OF HOLOCENE AGE, DIAM 1 1/4 IN, DEPTH 62 FT, SCREENED 60-62. MP TOP OF CASING, AT LSD.
LSD 12.00 FT NGVD.
HIGHEST WATER LEVEL 1.75 ABOVE LSD, MAY 18, 1973,
LOWEST WATER LEVEL 21.71 BELOW LSD, APR. 7, 1981.
RECORDS AVAILABLE 1960-66, 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 27, 1983	8.25	APR. 27, 1984	+0.10				

295747090242501 LOCAL WELL NUMBER: SC-174

OWNER: U. S. GEOL. SURVEY. (SEC. 17, T. 13S., R. 20E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 272 FT, SCREENED 262-272. MP TOP OF 2-IN CASING COLLAR, AT LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 8.25 BELOW LSD, MAY 1, 1984,
LOWEST WATER LEVEL 17.08 BELOW LSD, NOV. 3, 1980.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	16.30	FEB. 9, 1984	14.45	MAY 1, 1984	8.25	JULY 12, 1984	11.90

See footnotes at end of table.

ST. HELENA PARISH

304051090385401 LOCAL WELL NUMBER: SH-7

OWNER: ST. HELENA WATER SYSTEMS, INC. (SEC. 51, T. 4S., R. 6E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2082 FT, SCREENED 2052-2082. MP HOLE IN SANITARY SEAL, 2.00 FT ABOVE LSD.
LSD 124.00 FT NGVD.
HIGHEST WATER LEVEL 39.10 ABOVE LSD, MAR. 18, 1955,
LOWEST WATER LEVEL 33.22 BELOW LSD, MAY 9, 1984.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	31.70	MAR. 21, 1984	33.12	MAY 9, 1984	33.22	MAY 21, 1984	32.69
OCT. 5	31.70						

305300090502701 LOCAL WELL NUMBER: SH-9

OWNER: TWO-B RANCH. (SEC. 73, T. 2S., R. 4E.) DRILLED DOMESTIC AND STOCK ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 4 IN, DEPTH 2135 FT, SCREENED 2106-2135. MP 3/8-IN HOLE IN TOP OF WELL SEAL. 1.28 FT ABOVE LSD.
LSD 165.00 FT NGVD.
HIGHEST WATER LEVEL 54.56 BELOW LSD, SEP. 13, 1960,
LOWEST WATER LEVEL 83.22 BELOW LSD, APR. 2, 1984.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	82.22	MAR. 21, 1984	81.92	APR. 2, 1984	83.22	MAY 10, 1984	80.44
OCT. 6	82.22						

ST. JAMES PARISH

295906090502001 LOCAL WELL NUMBER: SJ-24

OWNER: EXXON CO., U.S.A. (SEC. 8, T. 12S., R. 16E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 281 FT, SCREENED INTERVAL UNKNOWN. MP TOP INSIDE EDGE OF OPENING IN TEE, 0.99 FT ABOVE LSD.
LSD 11.79 FT NGVD.
HIGHEST WATER LEVEL 3.75 ABOVE LSD, MAY 17, 1973,
LOWEST WATER LEVEL 25.50 BELOW LSD, AUG. 6, 1957.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	13.81	MAY 1, 1984	0.01				

300449090520201 LOCAL WELL NUMBER: SJ-41

OWNER: HELVETIA SUGAR COOP., INC. (SEC. 38, T. 11S., R. 3E.) DRILLED INDUSTRIAL ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 441 FT, SCREENED 399-441. MP TOP OF 8-IN CASING COLLAR, 1.00 FT ABOVE LSD.
LSD 17.80 FT NGVD.
HIGHEST WATER LEVEL 0.07 BELOW LSD, MAY 18, 1979,
LOWEST WATER LEVEL 15.65 BELOW LSD, OCT. 15, 1973.
RECORDS AVAILABLE 1948, 1958-64, 1966-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 3, 1983	13.40	APR. 27, 1984	5.10				

300024090433501 LOCAL WELL NUMBER: SJ-86

OWNER: DELPHINE PLANTING CO. (SEC. 20, T. 12S., R. 17E.) DRILLED UNUSED ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 3 IN, DEPTH 290 FT, SCREENED 280-290. MP TOP OF 2-IN NIPPLE EXTENDING FROM TOP OF CASING COLLAR, 1.44 FT ABOVE LSD.
LSD 18.30 FT NGVD.
HIGHEST WATER LEVEL 3.79 BELOW LSD, MAY 21, 1979,
LOWEST WATER LEVEL 19.00 BELOW LSD, OCT. 31, 1963.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	16.76	FEB. 9, 1984	13.46	MAY 1, 1984	5.26	JULY 12, 1984	10.36

ST. JAMES PARISH

300433090403701 LOCAL WELL NUMBER: SJ-186

OWNER: U. S. GEOL. SURVEY. (SEC. 43, T. 11S., R. 5E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 230 FT, SCREENED 220-230. MP TOP OF 2-IN CASING, 1.00 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 3.82 ABOVE LSD, MAY 9, 1979,
LOWEST WATER LEVEL 8.61 BELOW LSD, NOV. 9, 1978.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	6.55	JAN. 19, 1984	3.75	MAY 24, 1984	+1.70	AUG. 10, 1984	2.85
NOV. 15	6.75	MAR. 1	2.75	JULY 11	1.80	SEP. 5	6.06
JAN. 3, 1984	4.15	APR. 3	0.88				

ST. JOHN THE BAPTIST PARISH

300240090265601 LOCAL WELL NUMBER: SJB-17

OWNER: J. ESPARROS. (SEC. 54, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 310 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF HOLE IN PLATE, 1.00 FT ABOVE LSD.
LSD 5.76 FT NGVD.
HIGHEST WATER LEVEL 16.60 BELOW LSD, JAN. 28, 1980,
LOWEST WATER LEVEL 41.59 BELOW LSD, JAN. 23, 1957.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	23.45	APR. 27, 1984	18.75	JULY 11, 1984	26.10	JULY 23, 1984	26.25
FEB. 9, 1984	20.30						

300420090344101 LOCAL WELL NUMBER: SJB-53

OWNER: GULF STATES LAND AND INDUSTRIES, INC. (SEC. 32, T. 11S., R. 6E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 345 FT, SCREENED 305-345. MP TOP OF 3 X 3/4-IN BUSHING, 1.57 FT ABOVE LSD.
LSD 7.90 FT NGVD.
HIGHEST WATER LEVEL 3.09 BELOW LSD, MAY 17, 1973,
LOWEST WATER LEVEL 15.43 BELOW LSD, OCT. 20, 1983.
RECORDS AVAILABLE 1960-71, 1973-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	15.43	APR. 27, 1984	4.48				

300232090390405 LOCAL WELL NUMBER: SJB-144

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN OLDER DELTAIC DEPOSITS OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 170 FT, SCREENED 158-170. MP TOP OF 4-IN CAP, 3.22 FT ABOVE LSD.
LSD 17.75 FT NGVD.
HIGHEST WATER LEVEL 3.15 ABOVE LSD, MAY 17, 1973,
LOWEST WATER LEVEL 15.37 BELOW LSD, DEC. 11, 1963.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	14.03	FEB. 9, 1984	9.28	MAY 1, 1984	+1.32	JULY 12, 1984	6.68

300234090390301 LOCAL WELL NUMBER: SJB-145

OWNER: U. S. GEOL. SURVEY. (SEC. 18, T. 12S., R. 18E.) DRILLED OBSERVATION ARTESIAN WELL IN GRAMERCY AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 315 FT, SCREENED 305-315. MP TOP OF 4-IN CAP, 2.60 FT ABOVE LSD.
LSD 17.71 FT NGVD.
HIGHEST WATER LEVEL 3.91 BELOW LSD, MAY 17, 1973,
LOWEST WATER LEVEL 21.34 BELOW LSD, JAN. 13, 1964.
RECORDS AVAILABLE 1962-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 25, 1983	19.35	FEB. 9, 1984	15.55	MAY 1, 1984	6.10	JULY 12, 1984	13.10

See footnotes at end of table.

ST. JOHN THE BAPTIST PARISH

300348090290801 LOCAL WELL NUMBER: SJB-156

OWNER: ST. JOHN THE BAPTIST WATERWORKS DISTRICT NO. 3. (SEC. 27, T. 11S., R. 7E.) DRILLED UNUSED ARTESIAN WELL IN NORCO AQUIFER OF PLEISTOCENE AGE, DIAM 8 IN, DEPTH 359 FT, SCREENED 319-359. MP TOP INSIDE EDGE OF 1 1/4-IN COUPLING, 1.70 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 22.36 BELOW LSD, JAN. 29, 1980,
LOWEST WATER LEVEL 41.50 BELOW LSD, JULY 11, 1984.
RECORDS AVAILABLE 1976-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	33.30	APR. 27, 1984	25.65	JULY 11, 1984	41.50C	JULY 23, 1984	37.10
FEB. 9, 1984	27.65						

300310090281702 LOCAL WELL NUMBER: SJB-163B

OWNER: GUY REINE. (SEC. 30, T. 11S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN GONZALES-NEW ORLEANS AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 2 IN, DEPTH 635 FT, SCREENED 625-635. MP TOP OF 2-IN NIPPLE, 4.56 FT ABOVE LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 21.05 BELOW LSD, MAY 22, 1973,
LOWEST WATER LEVEL 23.87 BELOW LSD, SEP. 30, 1981.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 20, 1983	21.79	FEB. 9, 1984	23.29	APR. 27, 1984	21.74	JULY 11, 1984	22.09
JAN. 6, 1984	22.85						

ST. LANDRY PARISH

303108092041201 LOCAL WELL NUMBER: SL-37

OWNER: U. S. GEOL. SURVEY. (SEC. 85, T. 6S., R. 4E.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 2 IN, DEPTH 629 FT, SCREENED 624-629. MP TOP INSIDE EDGE OF 2-IN CASING, 2.00 FT ABOVE LSD.
LSD 60.00 FT NGVD.
HIGHEST WATER LEVEL 68.56 BELOW LSD, JUNE 7, 1966,
LOWEST WATER LEVEL 97.47 BELOW LSD, JUNE 29, 1983.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	97.08	NOV. 28, 1983	96.80	JAN. 26, 1984	96.56	MAR. 21, 1984	95.54
NOV. 1	97.33	DEC. 21	96.47	FEB. 24	96.11		

304116092083601 LOCAL WELL NUMBER: SL-179

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 40, T. 4S., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 94 FT, SCREENED 91-94. MP TOP OF 1 1/4-IN PIPE, 3.50 FT ABOVE LSD.
LSD 55.23 FT NGVD.
HIGHEST WATER LEVEL 45.23 BELOW LSD, APR. 28, 1958,
LOWEST WATER LEVEL 58.07 BELOW LSD, NOV. 21, 1983.
RECORDS AVAILABLE 1958-72, 1974-79, 1981-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 18, 1983	57.25	JAN. 9, 1984	57.28	APR. 12, 1984	57.61	JUNE 26, 1984	57.71
NOV. 21	58.07	FEB. 29	57.95	APR. 19	57.55	JULY 20	57.87
DEC. 22	57.58	MAR. 23	57.59	MAY 25	57.64	AUG. 22	57.94

See footnotes at end of table.

ST. LANDRY PARISH

303150092252101 LOCAL WELL NUMBER: SL-200

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN EVANGELINE AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 2 IN, DEPTH 708 FT, SCREENED 703-708. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD.
LSD 50.72 FT NGVD.
HIGHEST WATER LEVEL 68.57 BELOW LSD, APR. 26, 1966,
LOWEST WATER LEVEL 85.10 BELOW LSD, SEP. 23, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	81.70	NOV. 28, 1983	81.19	JAN. 26, 1984	80.62	JUNE 1, 1984	80.01
NOV. 1	81.67	DEC. 29	81.01	MAR. 21	79.59	AUG. 23	81.57

303150092252102 LOCAL WELL NUMBER: SL-201

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 6S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 203 FT, SCREENED 197-203. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD.
LSD 50.55 FT NGVD.
HIGHEST WATER LEVEL 79.08 BELOW LSD, MAR. 23, 1966,
LOWEST WATER LEVEL 114.14 BELOW LSD, JULY 25, 1973.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	95.37	NOV. 28, 1983	93.24	JAN. 26, 1984	91.14	MAR. 21, 1984	90.29
NOV. 1	97.78	DEC. 29	93.11				

303109092041901 LOCAL WELL NUMBER: SL-206

OWNER: U. S. GEOL. SURVEY. (SEC. 85, T. 6S., R. 4E.) BORED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 100 FT, SCREENED 97-100. MP TOP INSIDE EDGE OF 1 1/4-IN CASING, 2.00 FT ABOVE LSD.
LSD 62.00 FT NGVD.
HIGHEST WATER LEVEL 64.73 BELOW LSD, JUNE 9, 1966,
LOWEST WATER LEVEL 71.66 BELOW LSD, NOV. 26, 1982.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	68.12	DEC. 21, 1983	66.75	JAN. 26, 1984	66.58	MAR. 21, 1984	66.89
NOV. 1	67.35						

ST. MARTIN PARISH

301304091424001 LOCAL WELL NUMBER: SMN-108

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 505 FT, SCREENED 500-505. MP TOP OF 2-IN CASING, 2.72 FT ABOVE LSD.
LSD 11.34 FT NGVD.
HIGHEST WATER LEVEL 3.54 ABOVE LSD, APR. 13, 1973,
LOWEST WATER LEVEL 8.54 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1965-73, 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 12, 1984	0.80	JUNE 1, 1984	+0.59	JULY 16, 1984	3.30		

301304091424002 LOCAL WELL NUMBER: SMN-109

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 9S., R. 7E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 375 FT, SCREENED 370-375. MP TOP OF 2-IN CASING, 2.40 FT ABOVE LSD.
LSD 11.34 FT NGVD.
HIGHEST WATER LEVEL 2.94 ABOVE LSD, FEB. 27, 1974,
LOWEST WATER LEVEL 8.82 BELOW LSD, FEB. 18, 1981.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 26, 1984	4.62	APR. 12, 1984	1.38	JULY 16, 1984	3.55		

See footnotes at end of table.

ST. MARY PARISH

294749091402301 LOCAL WELL NUMBER: SM-57U

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 638 FT, SCREENED 628-638. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
LSD 8.72 FT NGVD.
HIGHEST WATER LEVEL 6.40 BELOW LSD, APR. 15, 1965,
LOWEST WATER LEVEL 10.25 BELOW LSD, DEC. 20, 1976.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 31, 1984	8.45						

294749091402302 LOCAL WELL NUMBER: SM-57L

OWNER: U. S. GEOL. SURVEY. (SEC. 27, T. 14S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 4 TO 1 1/2 IN, DEPTH 738 FT, SCREENED 728-738. MP TOP OF 1 1/2-IN PIPE, 2.50 FT ABOVE LSD.
LSD 8.72 FT NGVD.
HIGHEST WATER LEVEL 7.54 BELOW LSD, AUG. 16, 1973,
LOWEST WATER LEVEL 11.93 BELOW LSD, OCT. 22, 1970.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 31, 1984	9.58						

ST. TAMMANY PARISH

302055090014601 LOCAL WELL NUMBER: ST-12

OWNER: LOUISIANA OFFICE OF STATE PARKS. (SEC. 37, T. 8S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN BIG BRANCH AQUIFER (ZONE 1) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 1525 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF 4-IN TEE, 2.30 FT BELOW LSD.
LSD 10.00 FT NGVD.
HIGHEST WATER LEVEL 55.90 ABOVE LSD, JULY 25, 1940,
LOWEST WATER LEVEL 23.50 ABOVE LSD, JAN. 7, 1970.
RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+28.20	JAN. 19, 1984	+27.80	APR. 9, 1984	+29.20	JULY 18, 1984	+28.70

303529089550601 LOCAL WELL NUMBER: ST-16

OWNER: BOGALUSA TUNG OIL CO. (SEC. 29, T. 5S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, REPORTED DEPTH 1000 FT, SCREENED INTERVAL UNKNOWN. MP CENTERLINE OF DISCHARGE PIPE, 4.00 FT ABOVE LSD.
LSD 78.00 FT NGVD.
HIGHEST WATER LEVEL 38.10 ABOVE LSD, JULY 11, 1946,
LOWEST WATER LEVEL 10.90 ABOVE LSD, MAY 17, 1977.
RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	+13.00	APR. 6, 1984	+13.90				

302852090010601 LOCAL WELL NUMBER: ST-545

OWNER: WILLIAM BAGLEY, SR. (SEC. 32, T. 6S., R. 12E.) DRILLED DOMESTIC ARTESIAN WELL IN ABITA AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 1/2 IN, REPORTED DEPTH 1598 FT, SCREENED 1548-1598. MP TOP EDGE OF FOUNDATION OF SHOOTING GALLEY, 2.00 FT BELOW LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 97.00 ABOVE LSD, MAR. 11, 1953,
LOWEST WATER LEVEL 44.50 ABOVE LSD, OCT. 13, 1962.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+45.00	APR. 9, 1984	+50.00				

See footnotes at end of table.

302406090093101 LOCAL WELL NUMBER: ST-562

OWNER: TOWN OF MADISONVILLE (SEC. 39, T. 7S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1900 FT, SCREENED 1840-1900. MP CENTERLINE OF 4-IN DISCHARGE LINE, 3.10 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 119.20 ABOVE LSD, NOV. 17, 1961,
LOWEST WATER LEVEL 69.60 ABOVE LSD, JULY 19, 1979.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+80.10	JAN. 20, 1984	+78.10	JULY 18, 1984	-78.10		

301536089470501 LOCAL WELL NUMBER: ST-563

OWNER: CITY OF SLIDELL. (SEC. 15, T. 9S., R. 14E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 10 IN, DEPTH 2411 FT, SCREENED 2262-2411. MP CENTERLINE OF FAUCET ON DISCHARGE LINE, 3.50 FT ABOVE LSD.
LSD 4.00 FT NGVD.
HIGHEST WATER LEVEL 118.90 ABOVE LSD, JUNE 12, 1958,
LOWEST WATER LEVEL 59.50 ABOVE LSD, JULY 18, 1984.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+61.50	JAN. 19, 1984	+60.50	APR. 6, 1984	+61.50	JULY 18, 1984	+59.50

303010090120701 LOCAL WELL NUMBER: ST-615

OWNER: U. S. GEOL. SURVEY. (SEC. 28, T. 6S., R. 10E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF PLEISTOCENE AGE, DIAM 1 1/4 IN, DEPTH 34 FT, SCREENED 32-34. MP TOP OF CASING, 2.30 FT ABOVE LSD.
LSD 38.00 FT NGVD.
HIGHEST WATER LEVEL 2.51 BELOW LSD, JAN. 11, 1972,
LOWEST WATER LEVEL 9.48 BELOW LSD, DEC. 4, 1968.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	4.15	APR. 9, 1984	3.20				

303159090110001 LOCAL WELL NUMBER: ST-652

OWNER: WILLIE CORE. (SEC. 15, T. 6S., R. 10E.) DRILLED RECREATION ARTESIAN WELL IN RAMSAY AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 10 IN, DEPTH 3354 FT, SCREENED 3269-3354. MP CENTERLINE OF HORIZONTAL 10-IN PIPE, 3.00 FT ABOVE LSD.
LSD 44.00 FT NGVD.
HIGHEST WATER LEVEL 95.80 ABOVE LSD, MAY 2, 1969,
LOWEST WATER LEVEL 67.20 ABOVE LSD, MAY 17, 1977.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+75.50	JAN. 20, 1984	+76.00	APR. 9, 1984	+75.00	JULY 18, 1984	+77.50

301839089493801 LOCAL WELL NUMBER: ST-661

OWNER: ALBERT L. STONE. (SEC. 37, T. 8S., R. 14E.) DRILLED DOMESTIC ARTESIAN WELL IN SLIDELL AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 2220 FT, SCREENED 2200-2220. MP CENTER OF 2-IN DISCHARGE LINE, 1.00 FT ABOVE LSD.
LSD 16.00 FT NGVD.
HIGHEST WATER LEVEL 87.45 ABOVE LSD, FEB. 20, 1969,
LOWEST WATER LEVEL 55.00 ABOVE LSD, OCT. 7, 1982, OCT. 4, 1983.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	+55.00	APR. 9, 1984	+55.50				

See footnotes at end of table.

TANGIPAHOA PARISH

302606090263401 LOCAL WELL NUMBER: TA-7

OWNER: TOWN OF PONCHATOULA. (SEC. 18, T. 7S., R. 8E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN UPPER PONCHATOULA AQUIFER OF PLEISTOCENE AGE, DIAM 6 IN, REPORTED DEPTH 654 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF TEE AT WELL, 0.73 FT ABOVE LSD.
LSD 22.00 FT NGVD.
HIGHEST WATER LEVEL 11.60 ABOVE LSD, AUG. 8, 1939, FEB. 3, 1942,
LOWEST WATER LEVEL 1.42 ABOVE LSD, JULY 21, 1971.
RECORDS AVAILABLE 1939-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	+3.98	JAN. 20, 1984	+4.31	APR. 9, 1984	+2.92	JULY 11, 1984	+2.45

302549090222601 LOCAL WELL NUMBER: TA-242

OWNER: BYRON STEVENS. (SEC. 23, T. 7S., R. 8E.) DRILLED IRRIGATION ARTESIAN WELL IN UPPER PONCHATOULA AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 405 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 2-IN TEE, 1.00 FT ABOVE LSD.
LSD 20.00 FT NGVD.
HIGHEST WATER LEVEL 14.90 ABOVE LSD, APR. 3, 1947,
LOWEST WATER LEVEL 7.30 ABOVE LSD, MAY 9, 1963.
RECORDS AVAILABLE 1944-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	+9.00	APR. 9, 1984	+10.10				

303007090274801 LOCAL WELL NUMBER: TA-253

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2190 FT, SCREENED 2070-2190. MP TOP OF HORIZONTAL DISCHARGE PIPE, 2.00 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 106.03 ABOVE LSD, DEC. 16, 1952,
LOWEST WATER LEVEL 59.80 ABOVE LSD, JULY 14, 1982.
RECORDS AVAILABLE 1952-63, 1965-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1983	+64.00						

304550090304101 LOCAL WELL NUMBER: TA-260

OWNER: TOWN OF ROSELAND. (SEC. 28, T. 3S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 4 IN, DEPTH 2013 FT, SCREENED 1951-2013. MP TOP OF 3/4-IN VALVE, 3.65 FT ABOVE LSD.
LSD 130.86 FT NGVD.
HIGHEST WATER LEVEL 34.65 ABOVE LSD, MAY 5, 1953,
LOWEST WATER LEVEL 27.60 BELOW LSD, OCT. 5, 1983.
RECORDS AVAILABLE 1953-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	27.60	APR. 3, 1984	22.90				

303806090295903 LOCAL WELL NUMBER: TA-262

OWNER: TOWN OF INDEPENDENCE. (SEC. 10, T. 5S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2316 FT, SCREENED 2256-2316. MP TOP OF 4-IN TEE, 2.40 FT ABOVE LSD.
LSD 85.00 FT NGVD.
HIGHEST WATER LEVEL 79.80 ABOVE LSD, JAN. 6, 1954,
LOWEST WATER LEVEL 2.40 ABOVE LSD, JAN. 20, 1984.
RECORDS AVAILABLE 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	+3.35	JAN. 20, 1984	+2.40E	APR. 3, 1984	+7.54	JULY 11, 1984	+3.62

See footnotes at end of table.

302957090274001 LOCAL WELL NUMBER: TA-268

OWNER: CITY OF HAMMOND. (SEC. 25, T. 6S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN HAMMOND AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 8 IN, DEPTH 2449 FT, SCREENED 2365-2449. MP CENTERLINE OF SOUTH 6-IN DISCHARGE LINE, 2.10 FT ABOVE LSD.
LSD 35.00 FT NGVD.
HIGHEST WATER LEVEL 120.60 ABOVE LSD, JAN. 25, 1957,
LOWEST WATER LEVEL 19.60 ABOVE LSD, OCT. 12, 1983.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 12, 1983	+19.60	JAN. 20, 1984	+22.70	APR. 3, 1984	+25.90	JULY 11, 1984	+24.20
NOV. 18	+25.00	MAR. 8	+25.60	MAY 22	+21.90	AUG. 24	+24.10
DEC. 2	+26.20						

302519090311401 LOCAL WELL NUMBER: TA-273

OWNER: DOMINICAN SISTERS CONVENT. (SEC. 44, T. 7S., R. 7E.) DRILLED DOMESTIC ARTESIAN WELL IN TCHEFUNCTA AQUIFER (ZONE 2) OF MIOCENE AGE, DIAM 3 IN, DEPTH 2329 FT, SCREENED 2289-2329. MP CENTERLINE OF TEE, 2.00 FT ABOVE LSD.
LSD 11.00 FT NGVD.
HIGHEST WATER LEVEL 127.20 ABOVE LSD, APR. 12, 1960, MAY 17, 1960,
LOWEST WATER LEVEL 85.00 ABOVE LSD, OCT. 7, 1982.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	+88.00	APR. 9, 1984	+86.00				

305237090305101 LOCAL WELL NUMBER: TA-283

OWNER: VILLAGE OF TANGIPAHOA. (SEC. 60, T. 2S., R. 7E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN AMITE AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 13 IN, DEPTH 1457 FT, SCREENED 1419-1457. MP TOP OF SANITARY SEAL, 1.00 FT ABOVE LSD.
LSD 179.00 FT NGVD.
HIGHEST WATER LEVEL 36.30 BELOW LSD, MAR. 23, 1971,
LOWEST WATER LEVEL 67.94 BELOW LSD, JULY 13, 1982.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	59.70	JAN. 20, 1984	61.50	APR. 3, 1984	59.15	JULY 11, 1984	61.75

303622090243901 LOCAL WELL NUMBER: TA-360

OWNER: U. S. GEOL. SURVEY. (SEC. 21, T. 5S., R. 8E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 54 FT, SCREENED 52-54. MP TOP OF CASING, 3.15 FT ABOVE LSD.
LSD 75.00 FT NGVD.
HIGHEST WATER LEVEL 14.85 BELOW LSD, OCT. 29, 1980,
LOWEST WATER LEVEL 18.76 BELOW LSD, DEC. 3, 1968.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1983	15.95	APR. 3, 1984	15.23				

305737090322501 LOCAL WELL NUMBER: TA-362

OWNER: U. S. GEOL. SURVEY. (SEC. 40, T. 1S., R. 7E.) BORED OBSERVATION ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 43 FT, SCREENED 40-43. MP TOP OF CASING, 3.20 FT ABOVE LSD.
LSD 265.00 FT NGVD.
HIGHEST WATER LEVEL 16.65 BELOW LSD, APR. 28, 1980,
LOWEST WATER LEVEL 25.03 BELOW LSD, DEC. 21, 1970.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	19.25	APR. 2, 1984	19.14				

See footnotes at end of table.

TANGIPAHOA PARISH

305434090264201 LOCAL WELL NUMBER: TA-440

OWNER: U. S. GEOL. SURVEY. (SEC. 47, T. 2S., R. 8E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 603 FT, SCREENED 593-603. MP TOP OF 2-IN GALVANIZED PIPE, 2.15 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 1.61 BELOW LSD, SEP. 24, 1975,
LOWEST WATER LEVEL 6.74 BELOW LSD, OCT. 12, 1982.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1993	4.70	APR. 2, 1984	4.70				

TENSAS PARISH

320431091144801 LOCAL WELL NUMBER: TS-8

OWNER: E. R. MCDONALD. (SEC. 4, T. 13N., R. 12E.) DRILLED UNUSED SEMIARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 12 IN, DEPTH 110 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 79.60 FT NGVD.
HIGHEST WATER LEVEL 2.05 BELOW LSD, MAY 30, 1979,
LOWEST WATER LEVEL 17.18 BELOW LSD, DEC. 18, 1956.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1984	12.15	MAR. 27, 1984	11.71	JUNE 21, 1984	7.93	SEP. 18, 1984	13.46

314827091234001 LOCAL WELL NUMBER: TS-9

OWNER: CHICAGO MILL AND LUMBER CO. (SEC. 37, T. 10N., R. 10E.) DRILLED UNUSED SEMIARTESIAN WELL IN THE MISSISSIPPI RIVER ALLUVIAL AQUIFER OF PLEISTOCENE AGE, DIAM 4 IN, DEPTH 102 FT, SCREENED INTERVAL UNKNOWN. MP BOTTOM OF 3/4-IN HOLE ON SIDE OF CASING, 0.30 FT ABOVE LSD.
LSD 65.00 FT NGVD.
HIGHEST WATER LEVEL 0.71 ABOVE LSD, MAY 16, 1973,
LOWEST WATER LEVEL 25.38 BELOW LSD, DEC. 18, 1956.
RECORDS AVAILABLE 1955-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 25, 1984	14.79	MAR. 27, 1984	10.63	JUNE 21, 1984	1.71	SEP. 18, 1984	17.52

UNION PARISH

324417092090001 LOCAL WELL NUMBER: UN-26

OWNER: MANVILLE FOREST PRODUCTS. (SEC. 10, T. 20N., R. 3E.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 8 IN, DEPTH 750 FT, SCREENED 675-750. MP 3/4-IN HOLE IN TOP OF WELL COVER, 1.90 FT ABOVE LSD (SINCE 1/9/84).
LSD 133.92 FT NGVD.
HIGHEST WATER LEVEL 141.11 BELOW LSD, JULY 26, 1959,
LOWEST WATER LEVEL 180.42 BELOW LSD, DEC. 10, 1981.
RECORDS AVAILABLE 1956-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 9, 1984	177.32	MAR. 27, 1984	176.69	JUNE 1, 1984	177.30	SEP. 24, 1984	178.17

325028092113301 LOCAL WELL NUMBER: UN-78

OWNER: U. S. GEOL. SURVEY. (SEC. 6, T. 21N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 727 FT, SCREENED 717-727. MP TOP OF CASING, 1.53 FT ABOVE LSD.
LSD 175.00 FT NGVD.
HIGHEST WATER LEVEL 178.85 BELOW LSD, MAR. 25, 1969,
LOWEST WATER LEVEL 198.03 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1969-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	197.98	SEP. 24, 1984	198.03				

324955092084001 LOCAL WELL NUMBER: UN-79

OWNER: U. S. GEOL. SURVEY (SEC. 3, T. 21N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 749 FT, SCREENED 739-749. MP TOP OF BUSHING, 3.40 FT ABOVE LSD.
LSD 118.00 FT NGVD.
HIGHEST WATER LEVEL 134.31 BELOW LSD, MAY 13, 1969,
LOWEST WATER LEVEL 149.48 BELOW LSD, MAR. 26, 1984.
RECORDS AVAILABLE 1968-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	149.48	SEP. 24, 1984	144.53				

324917092242001 LOCAL WELL NUMBER: UN-80

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 21N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 710 FT, SCREENED 700-710. MP TOP OF CASING, 3.75 FT ABOVE LSD.
LSD 190.00 FT NGVD.
HIGHEST WATER LEVEL 183.65 BELOW LSD, OCT. 8, 1968,
LOWEST WATER LEVEL 221.39 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	218.17	MAR. 21, 1984	218.38	JUNE 1, 1984	218.20	SEP. 21, 1984	221.39

324917092242002 LOCAL WELL NUMBER: UN-81

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 21N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 495 FT, SCREENED 485-495. MP TOP OF CASING, 3.83 FT ABOVE LSD.
LSD 190.00 FT NGVD.
HIGHEST WATER LEVEL 182.27 BELOW LSD, MAR. 2, 1970,
LOWEST WATER LEVEL 225.67 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	220.86	MAR. 21, 1984	219.26	JUNE 1, 1984	219.76	SEP. 21, 1984	225.67

325550092391601 LOCAL WELL NUMBER: UN-82

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 22N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 656 FT, SCREENED 646-656. MP TOP OF CASING, 4.00 FT ABOVE LSD.
LSD 122.00 FT NGVD.
HIGHEST WATER LEVEL 117.57 BELOW LSD, SEP. 9, 1968,
LOWEST WATER LEVEL 163.74 BELOW LSD, MAR. 21, 1984.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	160.86	MAR. 21, 1984	163.74	JUNE 1, 1984	160.88	SEP. 21, 1984	162.46

325550092391602 LOCAL WELL NUMBER: UN-83

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 22N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 326 FT, SCREENED 316-326. MP TOP OF CASING, 3.88 FT ABOVE LSD.
LSD 122.00 FT NGVD.
HIGHEST WATER LEVEL 111.29 BELOW LSD, OCT. 8, 1968,
LOWEST WATER LEVEL 154.93 BELOW LSD, DEC. 4, 1980.
RECORDS AVAILABLE 1968-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 12, 1983	149.52	MAR. 21, 1984	150.71	JUNE 1, 1984	150.91	SEP. 21, 1984	151.78

325647092241501 LOCAL WELL NUMBER: UN-84

OWNER: U. S. GEOL. SURVEY. (SEC. 30, T. 23N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 696 FT, SCREENED 686-696. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 210.00 FT NGVD.
HIGHEST WATER LEVEL 196.09 BELOW LSD, OCT. 17, 1968,
LOWEST WATER LEVEL 227.92 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1968-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 21, 1984	225.15	SEP. 21, 1984	227.92				

325938092203901 LOCAL WELL NUMBER: UN-85

OWNER: U. S. GEOL. SURVEY. (SEC. 11, T. 23N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 407 FT, SCREENED 397-407. MP TOP OF CASING, 2.90 FT ABOVE LSD.
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 179.06 BELOW LSD, OCT. 17, 1968,
LOWEST WATER LEVEL 197.45 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1968-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	196.90	SEP. 24, 1984	197.45				

325929092114001 LOCAL WELL NUMBER: UN-86

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 23N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN. DEPTH 655 FT, SCREENED 645-655. MP TOP OF CASING, 1.[illegible]8 FT ABOVE LSD.
LSD 90.00 FT NGVD.
HIGHEST WATER LEVEL 69.69 BELOW LSD, NOV. 12, 1968,
LOWEST WATER LEVEL 91.31 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1968-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	89.35	SEP. 24, 1984	91.31				

325929092114002 LOCAL WELL NUMBER: UN-87

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 23N., R. 3E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 283 FT, SCREENED 273-283. MP TOP OF CASING, 4.35 FT ABOVE LSD.
LSD 90.00 FT NGVD.
HIGHEST WATER LEVEL 24.38 BELOW LSD, DEC. 16, 1968,
LOWEST WATER LEVEL 44.92 BELOW LSD, SEP. 24, 1984.
RECORDS AVAILABLE 1968-71, 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 26, 1984	38.53	SEP. 24, 1984	44.92				

323655092211701 LOCAL WELL NUMBER: UN-134

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 19N., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 585 FT, SCREENED 575-585. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 220.00 FT NGVD.
HIGHEST WATER LEVEL 269.11 BELOW LSD, JUNE 14, 1979,
LOWEST WATER LEVEL 281.56 BELOW LSD, SEP. 21, 1984.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	280.60	JAN. 20, 1984	280.96	MAY [illegible]1, 1984	280.65	JULY 19, 1984	281.49
NOV. 15	280.96	FEB. 24	280.71	JUNE 5	280.98	SEP. 21	281.56
DEC. 20	280.50	MAR. 21	280.80				

VERMILION PARISH

300245092200301 LOCAL WELL NUMBER: VE-333

OWNER: JOSEPH HERPIN. (SEC. 35, T. 11S., R. 1E.) DRILLED IRRIGATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 10 TO 8 IN, REPORTED DEPTH 280 FT, SCREENED INTERVAL UNKNOWN. MP LOWER LIP OF DISCHARGE PIPE, 4.31 FT ABOVE LSD.
LSD 14.03 FT NGVD.
HIGHEST WATER LEVEL 15.69 BELOW LSD, MAR. 21, 1950,
LOWEST WATER LEVEL 51.79 BELOW LSD, MAY 26, 1981.
RECORDS AVAILABLE 1948-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	37.38	NOV. 28, 1983	35.37	JAN. 26, 1984	33.81	MAR. 21, 1984	37.10
NOV. 1	37.01	DEC. 29	37.41	FEB. 24	33.33		

295031092203202 LOCAL WELL NUMBER: VE-630U

OWNER: U. S. GEOL. SURVEY. (SEC. 10, T. 14S., R. 1E.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 TO 1 IN, DEPTH 498 FT, SCREENED 488-498. MP TOP OF 1-IN PIPE, 2.93 FT ABOVE LSD.
LSD 4.75 FT NGVD.
HIGHEST WATER LEVEL 7.[illegible] BELOW LSD, MAR. 5, 1968,
LOWEST WATER LEVEL 11.74 BELOW LSD, AUG. 11, 1977.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 4, 1984	11.14						

293845092264901 LOCAL WELL NUMBER: VE-639

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 16S., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN CHICOT AQUIFER OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 608 FT, SCREENED 603-608. MP TOP OF 2-IN CASING, 3.00 FT ABOVE LSD.
LSD 5.84 FT NGVD.
HIGHEST WATER LEVEL 6.22 BELOW LSD, OCT. 20, 1965,
LOWEST WATER LEVEL 9.65 BELOW LSD, OCT. 29, 1976.
RECORDS AVAILABLE 1965-79, 1981, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 4, 1984	9.09						

VERNON PARISH

310251093125501 LOCAL WELL NUMBER: V-108

OWNER: U. S. ARMY, FORT POLK. (SEC. 20, T. 1N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE WILLIAMSON CREEK MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 8 IN, DEPTH 675 FT, SCREENED 640-675. MP TOP OF CASING, 1.50 FT ABOVE LSD.
LSD 305.27 FT NGVD.
HIGHEST WATER LEVEL 143.26 BELOW LSD, JULY 10, 1961,
LOWEST WATER LEVEL 214.14 BELOW LSD, JULY 25, 1981.
RECORDS AVAILABLE 1941, 1943, 1958-61, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	179.57	DEC. 30, 1983	179.89J	MAR. 25, 1984	178.34J	JUNE 25, 1984	181.79
OCT. 6	179.65H	DEC. 31	179.47	MAR. 26	178.14H	JUNE 30	181.67
OCT. 7	179.75J	JAN. 5, 1984	178.77	MAR. 30	178.40J	JULY 5	180.89
OCT. 10	179.40	JAN. 10	178.32	MAR. 31	178.05	JULY 10	181.21
OCT. 15	179.30	JAN. 12	178.42H	APR. 3	177.02J	JULY 15	180.55
OCT. 20	179.14	JAN. 15	178.40	APR. 5	177.16	JULY 20	180.24
OCT. 25	179.02	JAN. 20	178.22	APR. 10	177.37	JULY 25	180.50
OCT. 31	178.78	JAN. 23	177.99J	APR. 11	176.92J	JULY 30	179.88J
NOV. 5	178.74	JAN. 25	178.26	APR. 15	177.71	JULY 31	180.31H
NOV. 10	178.40	JAN. 31	179.13	APR. 20	179.52	AUG. 5	180.18
NOV. 12	177.97J	FEB. 2	179.99J	APR. 25	180.18	AUG. 10	179.85
NOV. 15	178.39	FEB. 5	178.54	APR. 30	180.50	AUG. 15	179.93
NOV. 20	178.24	FEB. 10	178.37	MAY 15	181.80H	AUG. 20	180.03
NOV. 23	178.28H	FEB. 15	178.07	MAY 29	181.77H	AUG. 25	180.60
NOV. 25	177.91	FEB. 16	178.12H	MAY 31	182.28	AUG. 31	180.94J
NOV. 30	177.67	FEB. 20	178.09	JUNE 5	182.39	SEP. 5	180.07
DEC. 5	177.34	FEB. 25	177.76	JUNE 10	182.26	SEP. 10	179.27
DEC. 10	177.17	FEB. 29	177.25	JUNE 14	182.93J	SEP. 15	178.81
DEC. 15	176.90	MAR. 5	177.06	JUNE 15	182.74	SEP. 20	178.19
DEC. 20	176.64	MAR. 10	177.17	JUNE 18	181.70H	SEP. 25	177.64
DEC. 21	176.62J	MAR. 15	177.27	JUNE 20	181.62	SEP. 30	176.95
DEC. 25	177.41	MAR. 20	176.99J	JUNE 24	182.19J		

See footnotes at end of table.

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VERNON PARISH

310708093100901 LOCAL WELL NUMBER: V-126

OWNER: U. S. ARMY, FORT POLK. (SEC. 27, T. 2N., R. 8W.) DRILLED UNUSED ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 12 IN, DEPTH 1278 FT, SCREENED 1192-1278. MP TOP OF CASING, 2.00 FT ABOVE LSD.
LSD 338.00 FT NGVD.
HIGHEST WATER LEVEL 136.61 BELOW LSD, MAR. 5, 1943,
LOWEST WATER LEVEL 180.16 BELOW LSD, SEP. 26, 1982.
RECORDS AVAILABLE 1943, 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 12, 1984	177.82	MAR. 26, 1984	176.60	MAY 20, 1984	170.28	JULY 7, 1984	172.84
FEB. 16	177.32	APR. 16	171.84				

311213093322801 LOCAL WELL NUMBER: V-412

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 3N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 47 FT, SCREENED 42-47. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 121.00 FT NGVD.
HIGHEST WATER LEVEL 10.90 BELOW LSD, AUG. 12, 1975,
LOWEST WATER LEVEL 14.25 BELOW LSD, DEC. 5, 1967.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	12.67	FEB. 23, 1984	12.12	MAY 10, 1984	12.01	SEP. 20, 1984	13.33
JAN. 18, 1984	12.15	APR. 5	12.52	JUNE 19	11.98		

311213093322802 LOCAL WELL NUMBER: V-413

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 3N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF THE FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 360 FT, SCREENED 355-360. MP TOP OF CASING, 2.70 FT ABOVE LSD.
LSD 120.00 FT NGVD.
HIGHEST WATER LEVEL 31.40 ABOVE LSD, MAY 25, 1976,
LOWEST WATER LEVEL 23.20 ABOVE LSD, AUG. 24, 1982, NOV. 23, 1982.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	+25.10	FEB. 23, 1984	+26.50	MAY 10, 1984	+25.90	JUNE 19, 1984	+25.40
JAN. 18, 1984	+26.00	APR. 5	+26.70				

311411093323601 LOCAL WELL NUMBER: V-414

OWNER: U. S. GEOL. SURVEY. (SEC. 13, T. 3N., R. 12W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 172 FT, SCREENED 167-172. MP TOP OF CASING, 1.20 FT ABOVE LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 34.61 BELOW LSD, MAY 19, 1975,
LOWEST WATER LEVEL 42.07 BELOW LSD, OCT. 28, 1965.
RECORDS AVAILABLE 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1983	40.08	FEB. 23, 1984	36.42	MAY 10, 1984	36.43	JUNE 19, 1984	36.67
JAN. 18, 1984	37.70	APR. 5	36.71				

311201093080203 LOCAL WELL NUMBER: V-425B

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 3N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CATAHOULA FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 1404 FT, SCREENED 1394-1404. MP TOP OF BUSHING, 3.90 FT ABOVE LSD.
LSD 305.00 FT NGVD.
HIGHEST WATER LEVEL 164.66 BELOW LSD, JAN. 31, 1980,
LOWEST WATER LEVEL 169.75 BELOW LSD, SEP. 17, 1984.
RECORDS AVAILABLE 1968-75, 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 23, 1983	168.57	MAR. 26, 1984	168.53	MAY 15, 1984	169.09	JULY 31, 1984	169.34
JAN. 12, 1984	167.65	APR. 25	168.88	JUNE 18	168.35	SEP. 17	169.75
JAN. 16	168.48						

See footnotes at end of table.

VERNON PARISH

311201093080202 LOCAL WELL NUMBER: V-426

OWNER: U. S. GEOL. SURVEY. (SEC. 36, T. 3N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 915 FT, SCREENED 905-915. MP TOP OF BUSHING, 2.60 FT ABOVE LSD (SINCE 10/25/83).
LSD 305.00 FT NGVD.
HIGHEST WATER LEVEL 112.08 BELOW LSD, NOV. 21, 1969,
LOWEST WATER LEVEL 134.17 BELOW LSD, SEP. 17, 1984.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 23, 1983	132.65	MAR. 26, 1984	132.05	MAY 15, 1984	132.57	JULY 3, 1984	133.49
JAN. 12, 1984	132.21	APR. 25	132.25	JUNE 18	132.14	SEP. 17	134.17
FEB. 16	132.00						

311544093002502 LOCAL WELL NUMBER: V-428

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 3N., R. 6W.) DRILLED OBSERVATION ARTESIAN WELL IN THE CARNAHAN BAYOU MEMBER OF FLEMING FM. OF MIOCENE AGE, DIAM 2 IN, DEPTH 925 FT, SCREENED 915-925. MP TOP OF BUSHING, 2.00 FT ABOVE LSD (SINCE 10/25/83).
LSD 290.00 FT NGVD.
HIGHEST WATER LEVEL 100.97 BELOW LSD, MAY 2, 1968,
LOWEST WATER LEVEL 116.44 BELOW LSD, JAN. 12, 1984, SEP. 17, 1984.
RECORDS AVAILABLE 1967-80, 1983-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 23, 1983	114.96	FEB. 16, 1984	116.11	MAY 15, 1984	116.15	JULY 31, 1984	116.13
JAN. 12, 1984	116.44	MAR. 26	115.57	JUNE 18	115.45	SEP. 17	116.44

WASHINGTON PARISH

304652089512201 LOCAL WELL NUMBER: WA-13

OWNER: CROWN ZELLERBACH. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 20 IN, DEPTH 156 FT, SCREENED 90-156. MP TOP EDGE OF RECORDER SHELTER SUBFLOOR, 1.30 FT ABOVE LSD.
LSD 95.00 FT NGVD.
HIGHEST WATER LEVEL 1.30 ABOVE LSD, FEB. 22, 1961,
LOWEST WATER LEVEL 44.07 BELOW LSD, SEP. 22, 1958.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	23.20	JAN. 18, 1984	13.28	APR. 4, 1984	13.36	JULY 16, 1984	19.07

304756089514401 LOCAL WELL NUMBER: WA-14

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED UNUSED PUBLIC-SUPPLY ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 670 FT, SCREENED 580-670. MP TOP OF PUMP DISCHARGE LINE, 3.70 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 105.00 FT NGVD.
HIGHEST WATER LEVEL 35.70 ABOVE LSD, MAY 16, 1979,
LOWEST WATER LEVEL 2.20 ABOVE LSD, OCT. 5, 1955.
RECORDS AVAILABLE 1950-67, 1970-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	+17.50	JAN. 17, 1984	+17.00	APR. 4, 1984	+21.30	JULY 16, 1984	+21.00

304613089513201 LOCAL WELL NUMBER: WA-15

OWNER: CITY OF BOGALUSA. (SEC. 38, T. 3S., R. 13E.) DRILLED UNUSED ARTESIAN WELL IN COVINGTON AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 12 IN, DEPTH 769 FT, SCREENED 688-769. MP TOP OF PLUG IN 2-IN TEE AT END OF 3-IN DISCHARGE LINE, 1.50 FT ABOVE LSD.
LSD 98.00 FT NGVD.
HIGHEST WATER LEVEL 29.80 ABOVE LSD, APR. 18, 1950,
LOWEST WATER LEVEL 5.46 ABOVE LSD, JULY 30, 1957.
RECORDS AVAILABLE 1942, 1950-63, 1965-68, 1970-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	+20.10						

See footnotes at end of table.

WASHINGTON PARISH

305036090092101 LOCAL WELL NUMBER: WA-18

OWNER: TOWN OF FRANKLINTON. (SEC. 46, T. 2S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 6 IN, DEPTH 788 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 6-IN TEE, 1.20 FT ABOVE LSD.
LSD 150.00 FT NGVD.
HIGHEST WATER LEVEL 35.80 ABOVE LSD, DEC. 21, 1942,
LOWEST WATER LEVEL 17.10 ABOVE LSD, NOV. 9, 1955.
RECORDS AVAILABLE 1942, 1949-62, 1965-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	+19.40	APR. 4, 1984	+19.70				

304756089514402 LOCAL WELL NUMBER: WA-41

OWNER: CITY OF BOGALUSA. (SEC. 11, T. 3S., R. 13E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 12 IN, DEPTH 1442 FT, SCREENED 1352-1442. MP BOTTOM EDGE OF FLANGE ON PIPE EXTENDING FROM SIDE OF CASING, 0.78 FT ABOVE LSD. MEASUREMENTS DISCONTINUED.
LSD 105.00 FT NGVD.
HIGHEST WATER LEVEL 33.40 ABOVE LSD, MAR. 16, 1950,
LOWEST WATER LEVEL 89.91 BELOW LSD, AUG. 30, 1984.
RECORDS AVAILABLE 1950, 19[illegible]2-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	66.42	JAN. 17, 1984	78.24	APR. 4, 1984	78.57	JULY 16, 1984	86.39
NOV. 16	71.20	MAR. 6	86.42	MAY 23	84.32	AUG. 30	89.91
DEC. 1	70.15						

304107089523401 LOCAL WELL NUMBER: WA-43

OWNER: V. A. TALLEY. (SEC. 49, T. 4S., R. 13E.) DRILLED DOMESTIC ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 2 IN, DEPTH 420 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF VALVE, 1.40 FT ABOVE LSD.
LSD 71.00 FT NGVD.
HIGHEST WATER LEVEL 31.00 ABOVE LSD, SEP. 12, 1950,
LOWEST WATER LEVEL 8.10 ABOVE LSD, SEP. 26, 1978.
RECORDS AVAILABLE 1950-CURRENT YEAR

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 6, 1983	+12.90	APR. 5, 1984	+13.70				

305124090093401 LOCAL WELL NUMBER: WA-57

OWNER: TOWN OF FRANKLINTON. (SEC. 45, T. 2S., R. 10E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN FRANKLINTON AQUIFER (ZONE 3) OF MIOCENE AGE, DIAM 12 IN, DEPTH 2752 FT, SCREENED 2614-2678 AND 2714-2752. MP HOLE IN PLATE OVER CASING, 0.72 FT ABOVE LSD.
LSD 160.00 FT NGVD.
HIGHEST WATER LEVEL 20.76 BELOW LSD, AUG. 26, 1957,
LOWEST WATER LEVEL 62.43 BELOW LSD, JAN. 17, 1984.
RECORDS AVAILABLE 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	56.93	JAN. 17, 1984	62.43	APR. 4, 1984	57.22	JULY 16, 1984	60.85

305515090194101 LOCAL WELL NUMBER: WA-91

OWNER: U. S. GEOL. SURVEY. (SEC. 32, T. 1S., R. 9E.) DRILLED OBSERVATION ARTESIAN WELL IN KENTWOOD AQUIFER (ZONE 2) OF PLIOCENE AGE, DIAM 2 IN, DEPTH 600 FT, SCREENED 580-600. MP TOP OF 2-IN CASING, 0.20 FT ABOVE LSD.
LSD 240.00 FT NGVD.
HIGHEST WATER LEVEL 11.19 BELOW LSD, OCT. 30, 1980,
LOWEST WATER LEVEL 17.65 BELOW LSD, OCT. 6, 1982.
RECORDS AVAILABLE 1975-83.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1983	15.90						

See footnotes at end of table.

WASHINGTON PARISH

304709090121502 LOCAL WELL NUMBER: WA-103

OWNER: LSU SOUTHEAST EXPERIMENT STATION. (SEC. 16, T. 3S., R. 10E.) DRILLED UNUSED ARTESIAN WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 6 IN, DEPTH 170 FT, SCREENED 140-170. MP TOP OF FLANGE, 0.80 FT ABOVE LSD.
LSD 225.00 FT NGVD.
HIGHEST WATER LEVEL 64.69 BELOW LSD, SEP. 10, 1975,
LOWEST WATER LEVEL 73.26 BELOW LSD, APR. 5, 1983.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 13, 1983	67.55	APR. 4, 1984	67.52				

304900089542601 LOCAL WELL NUMBER: WA-125

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 3S., R. 13E.) DRILLED OBSERVATION ARTESIAN WELL IN ZONE 3 SAND OF MIOCENE AGE, DIAM 2 IN, DEPTH 1450 FT, SCREENED 1440-1450. MP TOP OF 2-IN CASING, 0.40 FT ABOVE LSD.
LSD 150.00 FT NGVD.
HIGHEST WATER LEVEL 66.46 BELOW LSD, APR. 3, 1978,
LOWEST WATER LEVEL 89.10 BELOW LSD, JAN. 22, 1982.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 7, 1983	81.05	JAN. 17, 1984	85.76	APR. 4, 1984	78.64	JULY 16, 1984	83.88

WEBSTER PARISH

325752093271801 LOCAL WELL NUMBER: WB-27

OWNER: INTERNATIONAL PAPER CO. (SEC. 25, T. 23N., R. 11W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 18 TO 12 IN, DEPTH 311 FT, SCREENED 231-311. MP TOP OF CASING, 0.22 FT ABOVE LSD.
LSD 245.00 FT NGVD.
HIGHEST WATER LEVEL 52.00 BELOW LSD OCT. 7, 1937,
LOWEST WATER LEVEL 169.20 BELOW LSD, OCT. 18, 1947.
RECORDS AVAILABLE 1937, 1947-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	58.26	JAN. 16, 1984	58.60	MAY 4, 1984	55.64	AUG. 28, 1984	58.32
NOV. 7	59.46	FEB. 21	57.02	JUNE 11	56.30	SEP. 25	58.11
DEC. 30	58.41	MAR. 22	56.36	JULY 9	57.86		

324612093230701 LOCAL WELL NUMBER: WB-96

OWNER: COTTON VALLEY OIL CO. (SEC. 34, T. 21N., R. 10W.) DRILLED UNUSED ARTESIAN WELL IN SAND OF PLEISTOCENE AGE, DIAM 6 IN, DEPTH 89 FT, SCREENED INTERVAL UNKNOWN. MP TOP OF 1-IN AIR LINE, 3.00 FT ABOVE LSD.
LSD 218.00 FT NGVD.
HIGHEST WATER LEVEL 18.99 BELOW LSD, JULY 16, 1975,
LOWEST WATER LEVEL 36.18 BELOW LSD, SEP. 11, 1967.
RECORDS AVAILABLE 1948-67, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 22, 1984	34.14	SEP. 25, 1984	35.12				

323553093141101 LOCAL WELL NUMBER: WB-285

OWNER: U. S. GEOL. SURVEY. (SEC. 31, T. 19N., R. 8W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 4 TO 2 IN, DEPTH 608 FT, SCREENED 598-608. MP HOLE IN CASING CAP, 3.85 FT ABOVE LSD.
LSD 340.00 FT NGVD.
HIGHEST WATER LEVEL 151.67 BELOW LSD, APR. 14, 1970,
LOWEST WATER LEVEL 190.99 BELOW LSD, AUG. 30, 1982.
RECORDS AVAILABLE 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 4, 1984	177.80	SEP. 25, 1984	185.12				

WEBSTER PARISH

325200093151701 LOCAL WELL NUMBER: WB-326

OWNER: U. S. GEOL. SURVEY. (SEC. 25, T. 22N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 470 FT, SCREENED 460-470. MP TOP OF BUSHING, 3.20 FT ABOVE LSD.
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 106.99 BELOW LSD, JUNE 4, 1976,
LOWEST WATER LEVEL 113.56 BELOW LSD, AUG. 30, 1982.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	113.46	MAR. 23, 1984	112.74	JUNE 5, 1984	112.67	SEP. 25, 1984	113.49

330040093190001 LOCAL WELL NUMBER: WB-338

OWNER: U. S. GEOL. SURVEY. (SEC. 5, T. 23N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 425 FT, SCREENED 415-425. MP TOP OF CASING, 3.70 FT ABOVE LSD.
LSD 230.00 FT NGVD.
HIGHEST WATER LEVEL 90.38 BELOW LSD, MAR. 15, 1977,
LOWEST WATER LEVEL 100.06 BELOW LSD, DEC. 6, 1979.
RECORDS AVAILABLE 1975-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	94.54	MAR. 23, 1984	93.74	JUNE 11, 1984	93.57	SEP. 25, 1984	94.07

324528093153501 LOCAL WELL NUMBER: WB-398

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 20N., R. 9W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 560 FT, SCREENED 550-560. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.
LSD 260.00 FT NGVD.
HIGHEST WATER LEVEL 100.10 BELOW LSD, JULY 19, 1979,
LOWEST WATER LEVEL 103.26 BELOW LSD, SEP. 25, 1984.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	102.31	MAR. 23, 1984	102.72	JUNE 5, 1984	102.37	SEP. 25, 1984	103.26

325518093221901 LOCAL WELL NUMBER: WB-399

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 22N., R. 10W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 298 FT, SCREENED 288-298. MP TOP OF BUSHING, 3.50 FT ABOVE LSD.
LSD 205.00 FT NGVD.
HIGHEST WATER LEVEL 44.00 BELOW LSD, MAY 13, 1980,
LOWEST WATER LEVEL 46.34 BELOW LSD, NOV. 3, 1980.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 13, 1983	45.86	MAR. 23, 1984	45.48	JUNE 11, 1984	44.54	SEP. 25, 1984	45.75

WEST BATON ROUGE PARISH

302732091121901 LOCAL WELL NUMBER: WBR-5

OWNER: CITY OF PORT ALLEN. (SEC. 66, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 8 IN, DEPTH 1,335 FT, SCREENED 1,230-1,335. MP TOP EDGE OF 3/8-IN HOLE IN 8-IN PLUG IN TEE ATOP CASING, 3.60 FT ABOVE LSD (SINCE 6/25/84).
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 36.10 ABOVE LSD, JUNE 21, 1943,
LOWEST WATER LEVEL 112.62 BELOW LSD, AUG. 15, 1974.
RECORDS AVAILABLE 1943-46, 1949-50, 1954-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 5, 1983	92.34	JAN. 19, 1984	91.96	MAY 23, 1984	94.02	AUG. 14, 1984	96.23
NOV. 25	86.34	MAR. 2	91.23	JUNE 25	100.72	SEP. 6	95.36
DEC. 16	84.77	APR. 11	90.17	JULY 5	97.27		

302610091121101 LOCAL WELL NUMBER: WBR-36

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, REPORTED DEPTH 1,360 FT, SCREENED 1,245-1,290 AND 1,305-1,360. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 33.90 BELOW LSD, FEB. 3, 1955,
LOWEST WATER LEVEL 106.75 BELOW LSD, OCT. 1, 1969.
RECORDS AVAILABLE 1955, 1962, 1967, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1983	93.30	APR. 13, 1984	94.50				

302613091121501 LOCAL WELL NUMBER: WBR-37

OWNER: BATON ROUGE PORT AUTHORITY. (SEC. 69, T. 7S., R. 12E.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 14 TO 10 IN, DEPTH 1,356 FT, SCREENED 1,235-1,288,1,318-1,335 AND 1,340-1,356. MP TOP OF 3/4-IN BREATHER PIPE IN FLANGE ATOP CASING, 1.00 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 31.93 BELOW LSD, FEB. 3, 1955,
LOWEST WATER LEVEL 112.25 BELOW LSD, OCT. 18, 1974.
RECORDS AVAILABLE 1955, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1983	79.40	APR. 13, 1984	94.50				

302546091131402 LOCAL WELL NUMBER: WBR-97B

OWNER: MRS. HUGHES. (SEC. 70, T. 7S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("1,500-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,200 FT, SCREENED 2,170-2,200. MP TOP EDGE OF 1/2-IN HOLE IN CAP, 0.92 FT ABOVE LSD.
LSD 17.00 FT NGVD.
HIGHEST WATER LEVEL 26.50 ABOVE LSD, JULY 22, 1964,
LOWEST WATER LEVEL 70.13 BELOW LSD, FEB. 8, 1984.
RECORDS AVAILABLE 1964-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	58.08	FEB. 8, 1984	70.13	APR. 13, 1984	56.03	JULY 20, 1984	67.28

302652091121401 LOCAL WELL NUMBER: WBR-100A

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,700-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,888 FT, SCREENED 1,884-1,888. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 58.30 BELOW LSD, MAY 6, 1966,
LOWEST WATER LEVEL 129.12 BELOW LSD, DEC. 20, 1976.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1983	114.70	FEB. 8, 1984	110.25	APR. 13, 1984	101.10	JULY 20, 1984	120.40
DEC. 5	101.40						

302652091121402 LOCAL WELL NUMBER: WBR-100B

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 68, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,448 FT, SCREENED 2,444-2,448. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.50 FT ABOVE LSD.
LSD 29.00 FT NGVD.
HIGHEST WATER LEVEL 87.97 BELOW LSD, MAY 17, 1966,
LOWEST WATER LEVEL 169.38 BELOW LSD, OCT. 23, 1980.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1983	137.70	FEB. 8, 1984	146.90	APR. 13, 1984	142.50	JULY 20, 1984	141.15
DEC. 5	137.60						

WEST BATON ROUGE PARISH

302726091145501 LOCAL WELL NUMBER: WBR-101

OWNER: U. S. GEOL. SURVEY. (IRREG. SEC. 91, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 1,367 FT, SCREENED 1,363-1,367. MP TOP OF 3/8-IN HOLE IN CAP, 1.02 FT ABOVE LSD.
LSD 19.00 FT NGVD.
HIGHEST WATER LEVEL 59.55 BELOW LSD, APR. 29, 1966,
LOWEST WATER LEVEL 79.73 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 5, 1983	64.88	FEB. 8, 1984	68.23	APR. 13, 1984	66.38	JULY 20, 1984	71.83

302806091172601 LOCAL WELL NUMBER: WBR-102A

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 1,288 FT, SCREENED 1,284-1,288. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 43.16 BELOW LSD, MAY 6, 1966,
LOWEST WATER LEVEL 62.37 BELOW LSD, OCT. 26, 1972.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 5, 1983	50.25	JAN. 6, 1984	51.22	APR. 13, 1984	51.80		

302806091172602 LOCAL WELL NUMBER: WBR-102B

OWNER: U. S. GEOL. SURVEY. (SEC. 7, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 4 TO 2 1/2 IN, DEPTH 2,100 FT, SCREENED 2,096-2,100. MP TOP EDGE OF 3/8-IN HOLE IN CAP, 2.35 FT ABOVE LSD.
LSD 18.00 FT NGVD.
HIGHEST WATER LEVEL 63.89 BELOW LSD, APR. 22, 1966,
LOWEST WATER LEVEL 189.22 BELOW LSD, SEP. 25, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 5, 1983	156.05	JAN. 6, 1984	156.82	APR. 13, 1984	156.25		

302703091133703 LOCAL WELL NUMBER: WBR-106

OWNER: U. S. GEOL. SURVEY. (SEC. 93, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("2,000-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 2 IN, DEPTH 2,017 FT, SCREENED 2,012-2,017. MP TOP EDGE OF 3/4-IN AIRLINE (REMOVE CASING EXTENSION), 2.08 FT ABOVE LSD.
LSD 22.00 FT NGVD.
HIGHEST WATER LEVEL 166.62 BELOW LSD, JULY 28, 1966,
LOWEST WATER LEVEL 288.20 BELOW LSD, NOV. 8, 1973.
RECORDS AVAILABLE 1966-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 5, 1983	232.92	FEB. 8, 1984	244.42	APR. 13, 1984	233.42	JULY 20, 1984	229.62

302853091150201 LOCAL WELL NUMBER: WBR-146

OWNER: U. S. GEOL. SURVEY. (SEC. 119, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("400-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 1/2 IN, DEPTH 472 FT, SCREENED 462-472. MP TOP OF 2 1/2-IN COLLAR, AT LSD.
LSD 25.00 FT NGVD.
HIGHEST WATER LEVEL 10.54 ABOVE LSD, APR. 27, 1979,
LOWEST WATER LEVEL 20.40 BELOW LSD, JAN. 26, 1981.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	1.10	FEB. 8, 1984	9.90	APR. 13, 1984	+5.00	JULY 20, 1984	5.10

See footnotes at end of table.

WEST BATON ROUGE PARISH

302559091122001 LOCAL WELL NUMBER: WBR-147

OWNER: U. S. GEOL. SURVEY. (SEC. 70, T. 7S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,000-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,292 FT, SCREENED 1,282-1,292. MP TOP OF 2 1/2-IN COLLAR, 1.23 FT ABOVE LSD.
LSD 27.00 FT NGVD.
HIGHEST WATER LEVEL 30.87 BELOW LSD, APR. 15, 1983,
LOWEST WATER LEVEL 45.37 BELOW LSD, MAY 8, 1980.
RECORDS AVAILABLE 1977-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 24, 1983	33.27	DEC. 6, 1983	31.17	APR. 13, 1984	31.17		

302702091185101 LOCAL WELL NUMBER: WBR-148

OWNER: U. S. GEOL. SURVEY. (SEC. 23, T. 7S., R. 11E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("1,200-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 2 1/2 IN, DEPTH 1,304 FT, SCREENED 1,294-1,304. MP TOP OF 2 1/2-IN CASING, AT LSD.
LSD 14.00 FT NGVD.
HIGHEST WATER LEVEL 42.75 BELOW LSD, APR. 15, 1983,
LOWEST WATER LEVEL 53.60 BELOW LSD, SEP. 8, 1978.
RECORDS AVAILABLE 1978-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	43.60	APR. 13, 1984	45.65	MAY 10, 1984	46.79	JULY 20, 1984	48.90
FEB. 8, 1984	46.30						

302958091124801 LOCAL WELL NUMBER: WBR-160

OWNER: WEST BATON ROUGE GAS AND WATER SYSTEM. (SEC. 50, T. 6S., R. 12E.) DRILLED UNUSED ARTESIAN WELL IN SAND ("800-FT" SAND OF BATON ROUGE AREA) OF PLIOCENE AGE, DIAM 4 IN, DEPTH 840 FT, SCREENED 830-840. MP 1/2-IN HOLE IN TOP OF CAP, 2.40 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 47.10 BELOW LSD, JULY 15, 1980,
LOWEST WATER LEVEL 112.70 BELOW LSD, OCT. 9, 1981.
RECORDS AVAILABLE 1980-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	74.60	APR. 13, 1984	89.60	MAY 30, 1984	89.17	JULY 20, 1984	96.30
FEB. 8, 1984	90.20	MAY 14	89.66				

302958091124802 LOCAL WELL NUMBER: WBR-161

OWNER: U. S. GEOL. SURVEY. (SEC. 50, T. 6S., R. 12E.) DRILLED OBSERVATION ARTESIAN WELL IN SAND ("600-FT" SAND OF BATON ROUGE AREA) OF PLEISTOCENE AGE, DIAM 2 IN, DEPTH 650 FT, SCREENED 640-650. MP HOLE IN TOP OF CAP, 2.00 FT ABOVE LSD.
LSD 26.00 FT NGVD.
HIGHEST WATER LEVEL 36.90 BELOW LSD, MAY 30, 1984,
LOWEST WATER LEVEL 63.75 BELOW LSD, SEP. 19, 1979.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 14, 1983	44.80	APR. 13, 1984	40.00	MAY 30, 1984	36.90	JULY 20, 1984	41.60
FEB. 8, 1984	45.55	MAY 14	38.22				

WEST CARROLL PARISH

324508091252301 LOCAL WELL NUMBER: WC-36

OWNER: U. S. GEOL. SURVEY. (SEC. 2, T. 20N., R. 10E.) DRILLED OBSERVATION ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 4 IN, DEPTH 383 FT, SCREENED 377-383. MP TOP OF CASING COLLAR, 1.10 FT ABOVE LSD.
LSD 106.35 FT NGVD.
HIGHEST WATER LEVEL 28.13 BELOW LSD, MAR. 19, 1963,
LOWEST WATER LEVEL 32.39 BELOW LSD, MAR. 9, 1971, SEP. 7, 1972.
RECORDS AVAILABLE 1955-82, CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 30, 1984	30.17	SEP. 25, 1984	30.87				

WEST FELICIANA PARISH

305643091341201 LOCAL WELL NUMBER: WF-22D

OWNER: LA. STATE PENITENTIARY. (SEC. 53, T. 1S., R. 5W.) DRILLED UNUSED ARTESIAN WELL IN ZONE 3 AQUIFER OF MIOCENE AGE, DIAM 12 TO 8 IN, DEPTH 907 FT, SCREENED 847-907. MP (FLOWING CONDITIONS) TOP OF IRON COVER PLATE, 0.50 FT ABOVE LSD. MP (NONFLOWING CONDITIONS) TOP OF 3/4-IN X 1 1/2-IN BUSHING, 0.69 FT ABOVE LSD.
LSD 60.00 FT NGVD.
HIGHEST WATER LEVEL 15.90 ABOVE LSD, APR. 3, 1959,
LOWEST WATER LEVEL 9.98 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1956, 1958-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	9.01	JAN. 17, 1984	7.86	APR. 9, 1984	5.59		

305633091341601 LOCAL WELL NUMBER: WF-40

OWNER: LA. STATE PENITENTIARY. (SEC. 24, T. 1S., R. 5W.) DRILLED INSTITUTIONAL ARTESIAN WELL IN ZONE 2 AQUIFER OF PLIOCENE-MIOCENE AGE, DIAM 12 IN, REPORTED DEPTH 632 FT, SCREENED 549-632. MP TOP INSIDE EDGE OF 2-IN ELBOW ATOP CASING, 2.85 FT ABOVE LSD.
LSD 50.00 FT NGVD.
HIGHEST WATER LEVEL 23.90 ABOVE LSD, MAY 8, 1958,
LOWEST WATER LEVEL 7.11 BELOW LSD, OCT. 7, 1981.
RECORDS AVAILABLE 1956, 1958-59, 1963-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	6.40	JAN. 17, 1984	5.46	APR. 9, 1984	2.43		

304935091221001 LOCAL WELL NUMBER: WF-188

OWNER: U. S. GEOL. SURVEY. (SEC. 69, T. 2S., R. 3W.) DRILLED OBSERVATION WATER-TABLE WELL IN UPLAND TERRACE DEPOSITS OF QUATERNARY AGE, DIAM 1 1/4 IN, DEPTH 55 FT, SCREENED 52-55. MP TOP OF 1 1/4-IN CASING, 0.20 FT ABOVE LSD.
LSD 117.00 FT NGVD.
HIGHEST WATER LEVEL 12.44 BELOW LSD, APR. 28, 1980,
LOWEST WATER LEVEL 16.68 BELOW LSD, JULY 9, 1963.
RECORDS AVAILABLE 1960-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	13.92	JAN. 17, 1984	13.60	APR. 9, 1984	12.70		

304704091223801 LOCAL WELL NUMBER: WF-222

OWNER: TOWN OF ST. FRANCISVILLE. (SEC. 68, T. 3S., R. 3W.) DRILLED PUBLIC-SUPPLY ARTESIAN WELL IN SAND ("2,400-FT" SAND OF BATON ROUGE AREA) OF MIOCENE AGE, DIAM 12 IN, DEPTH 1526 FT, SCREENED 1446-1526. MP TOP EDGE OF UNION, 1.00 FT ABOVE LSD (SINCE 1/17/84).
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 59.64 BELOW LSD, APR. 16, 1962,
LOWEST WATER LEVEL 133.95 BELOW LSD, JAN. 27, 1982.
RECORDS AVAILABLE 1961-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 3, 1983	109.07	JAN. 17, 1984	111.80	APR. 9, 1984	108.39	JULY 9, 1984	109.94

WINN PARISH

315524092381301 LOCAL WELL NUMBER: W-3

OWNER: CITY OF WINNFIELD. (SEC. 23, T. 11N., R. 3W.) DRILLED UNUSED ARTESIAN WELL IN THE COCKFIELD FM. OF EOCENE AGE, DIAM 8 IN, DEPTH APPROXIMATELY 120 FT, SCREENED 100-120. MP TOP EDGE OF SHELTER FLOOR, 2.20 FT ABOVE LSD.
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 14.93 BELOW LSD, MAY 7, 1961,
LOWEST WATER LEVEL 30.32 BELOW LSD, DEC. 1, 1949.
RECORDS AVAILABLE 1949, 1957-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 19, 1983	17.39	APR. 25, 1984	16.54	JULY 24, 1984	17.36	SEP. 18, 1984	17.77
MAR. 22, 1984	16.54	JUNE 8	16.73	AUG. 28	17.57		

315525092375601 LOCAL WELL NUMBER: W-16

OWNER: CITY OF WINNFIELD. (SEC. 24, T. 11N., R. 3W.) DRILLED UNUSED ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 8 IN, DEPTH 583 FT, SCREENED 553-583. MP TOP OF CASING, AT LSD.
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 48.00 BELOW LSD, MAY 27, 1952,
LOWEST WATER LEVEL 85.05 BELOW LSD, JUNE 20, 1970.
RECORDS AVAILABLE 1952, 1969-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	74.46	JAN. 20, 1984	69.71	MAY 8, 1984	71.12	AUG. 28, 1984	73.96
NOV. 3	71.98	FEB. 23	71.21	JUNE 8	69.04	SEP. 18	75.09
DEC. 19	69.78	MAR. 22	68.57	JULY 24	76.03		

315450092310102 LOCAL WELL NUMBER: W-144B

OWNER: LA. OFFICE PUBLIC WORKS. (SEC. 19, T. 11N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 550 FT, SCREENED 540-550. MP TOP OF CASING, 1.00 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 33.07 BELOW LSD, SEP. 18, 1984,
LOWEST WATER LEVEL 58.33 BELOW LSD, NOV. 5, 1971.
RECORDS AVAILABLE 1971-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 22, 1984	33.60	SEP. 18, 1984	33.07				

320619092341601 LOCAL WELL NUMBER: W-156

OWNER: U. S. GEOL. SURVEY. (SEC. 16, T. 13N., R. 2W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 829 FT, SCREENED 819-829. MP TOP OF CASING, 3.00 FT ABOVE LSD.
LSD 257.00 FT NGVD.
HIGHEST WATER LEVEL 196.18 BELOW LSD, MAR. 25, 1976,
LOWEST WATER LEVEL 204.06 BELOW LSD, JUNE 8, 1984.
RECORDS AVAILABLE 1974-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC. 19, 1983	198.37	MAR. 22, 1984	201.82	JUNE 8, 1984	204.06	SEP. 18, 1984	201.83

320541092291601 LOCAL WELL NUMBER: W-172

OWNER: U. S. GEOL. SURVEY. (SEC. 20, T. 13N., R. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 655 FT, SCREENED 645-655. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 140.00 FT NGVD.
HIGHEST WATER LEVEL 81.68 BELOW LSD, MAR. 2, 1979,
LOWEST WATER LEVEL 85.68 BELOW LSD, SEP. 18, 1984.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 22, 1984	84.93	SEP. 18, 1984	85.68				

315338092400001 LOCAL WELL NUMBER: W-177

OWNER: U. S. GEOL. SURVEY. (SEC. 34, T. 11N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 695 FT, SCREENED 685-695. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 185.00 FT NGVD.
HIGHEST WATER LEVEL 56.58 BELOW LSD, MAR. 22, 1984,
LOWEST WATER LEVEL 62.48 BELOW LSD, FEB. 21, 1980.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	58.18	JAN. 20, 1984	57.59	MAY 8, 1984	56.69	AUG. 28, 1984	57.27
NOV. 3	58.31	FEB. 23	57.01	JUNE 8	56.94	SEP. 18	57.33
DEC. 19	57.54	MAR. 22	56.58	JULY 24	57.19		

WINN PARISH

320040092392101 LOCAL WELL NUMBER: W-178

OWNER: U. S. GEOL. SURVEY. (SEC. 22, T. 12N., R. 3W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 598 FT, SCREENED 588-598. MP TOP OF BUSHING, 4.00 FT ABOVE LSD (SINCE 3/22/84).
LSD 135.00 FT NGVD.
HIGHEST WATER LEVEL 64.70 BELOW LSD, MAY 19, 1980,
LOWEST WATER LEVEL 70.66 BELOW LSD, OCT. 13, 1981.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 4, 1983	69.69	JAN. 20, 1984	68.84	MAY 8, 1984	69.51	AUG. 28, 1984	69.64
NOV. 3	69.93	FEB. 23	70.12	JUNE 8	69.28	SEP. 18	70.25
DEC. 19	67.98	MAR. 22	70.38	JULY 24	69.41		

315948092300301 LOCAL WELL NUMBER: W-179

OWNER: U. S. GEOL. SURVEY. (SEC. 29, T. 12N., P. 1W.) DRILLED OBSERVATION ARTESIAN WELL IN THE SPARTA SAND OF EOCENE AGE, DIAM 2 IN, DEPTH 585 FT, SCREENED 575-585. MP TOP OF BUSHING, 4.00 FT ABOVE LSD.
LSD 195.00 FT NGVD.
HIGHEST WATER LEVEL 105.08 BELOW LSD, SEP. 8, 1983,
LOWEST WATER LEVEL 106.89 BELOW LSD, SEP. 5, 1980.
RECORDS AVAILABLE 1979-CURRENT YEAR.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 22, 1984	105.15	SEP. 18, 1984	105.32				

+ Above land-surface datum.
A Well being pumped.
B Well pumped recently.
C Nearby well or wells being pumped.
D Nearby well or wells pumped recently.
E Estimated.
H Tape measurement (recorder).
J Recorder measurement for a time other than noon.

COMPLETE CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO. [1]	LOCATION			STATION NUMBER	GEO-LOGIC UNIT [2]	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, FIELD (UMHOS)	PH, FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS (MG/L AS CACO3)
	T.	R.	SEC.									
ACADIA PARISH												
AC- 452	10S	1W	34	300742092265901	112CHCTU	246	84-02-14	805	7.6	22.0	5	170
ALLEN PARISH												
AL- 15	5S	3W	27	303518092401101	112CH[illegible]	200	84-04-19	323	6.7	21.0	0	83
AL- 378A	5S	3W	28	303518092401901	121EVGL	755	84-04-13	428	8.2	23.5	15	2
AL- 378B	5S	3W	28	303518092401902	121EVGL	540	84-04-19	301	7.2	22.5	5	32
AL- 378C	5S	3W	28	303518092401903	121EVGL	415	84-04-25	296	7.2	23.5	5	71
ASCENSION PARISH												
AN- 332	8S	3E	29	301917090555301	11204BR	645	84-04-30	651	7.1	25.0	0	310
AN- 333	8S	3E	29	301914090555101	11204BR	645	84-04-30	511	8.3	25.5	5	13
BEAUREGARD PARISH												
BE- 378	7S	8W	19	302553093135002	112CHCT	172	84-02-14	303	6.7	23.0	70	44
CALCASIEU PARISH												
CU- 771	10S	9W	5	301336093183002	11202LC	241	84-03-07	368	8.1	22.0	0	92
CAMERON PARISH												
CN- 92	12S	7W	12	300104093015601	112CHCTU	443	84-04-26	1770	8.0	22.0	5	200
CN- 167	14S	7W	2	295114093032001	112CHCTU	370	83-11-22	[3] 907	[3] 7.3	23.0	5	110
CN- 168	14S	5W	17	294920092595801	112CHCTU	360	83-12-06	[3] 820	8.1	22.0	5	68
CATAHOULA PARISH												
CT- 211	8N	6E	14	314018091500801	112MRVA	30	83-11-17	341	6.1	--	0	93
CT- 223	8N	7E	28	313848091453003	122CTHL	580	84-07-20	830	8.0	--	5	19
CLAIBORNE PARISH												
CL- 163A	22N	6W	18	325415093013002	124SPRT	655	84-01-11	192	6.9	24.0	20	19
CL- 163B	22N	6W	18	325415093013001	124SPRT	708	83-12-20	203	6.8	24.0	5	6
DE SOTO PARISH												
DS- 579	12N	14W	31	315914093500701	124WLCX	199	84-05-10	800	8.1	--	15	13
EVANGELINE PARISH												
EV- 749	4S	1W	8	304316092300701	112CHCT	144	84-03-22	248	6.4	22.0	10	70
GRANT PARISH												
G- 436	9N	1W	5	314748092290001	124CCKF	370	84-05-08	1210	8.8	21.5	240	5
G- 437	9N	1W	3	314746092275701	124CCKF	290	84-05-21	1050	8.6	21.0	120	6
G- 439	8N	4W	8	314145092482501	124CCKF	556	84-08-08	[3] 694	8.9	27.0	240	2
JACKSON PARISH												
JA- 167	15N	3W	30	321520092424801	124SPRT	458	84-01-17	401	6.0	22.5	5	4
LA SALLE PARISH												
LA- 257	8N	4E	8	314122092044401	112UPTC	160	84-03-01	37	5.9	19.5	0	7
NATCHITOCHES PARISH												
NA- 499	10N	9W	7	315208093192801	124WLCX	127	83-10-03	1140	8.9	--	20	14
NA- 500	10N	9W	27	314905093171301	124WLCX	107	83-10-04	176	6.2	--	320	26

[1] Additional information for wells AC-452, AN-332, AN-333, BE-378, CU-771, CN- 92, CT-211, CL-163A, CL-163B, DS-579, EV-749, G-436, G-437, G-439, JA-167, LA-257, NA-499, and NA-500 may be found in the minor elements, pesticide analyses, or organic chemical analyses tables.

[2] See explanation of geologic unit (aquifer) at end of table.

[3] Lab measurement.

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY, FIELD (MG/L AS CACO3)	ALKA-LINITY, LAB (MG/L AS CACO3)	SULFATE, DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	0	44	15	120	3.5	382	--	0.4	49
ALLEN PARISH--Continued													
AL- 15	5S	3W	27	84-04-19	0	18	9.2	31	1.8	--	84	3.4	43
AL- 378A	5S	3W	28	84-04-13	0	0.6	0.1	110	0.5	--	219	.2	92
AL- 378B	5S	3W	28	84-04-19	0	8.5	2.7	63	1.8	131	--	2.8	26
AL- 378C	5S	3W	28	84-04-25	0	20	5.0	38	2.5	--	112	2.8	25
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	0	70	32	28	.9	345	--	5.0	17
AN- 333	8S	3E	29	84-04-30	0	4.2	.7	120	1.2	179	--	2.2	66
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	0	11	4.0	43	2.4	101	--	.4	26
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	0	23	8.3	58	2.1	187	--	5.4	16
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	0	54	17	280	4.9	267	--	.6	410
CN- 167	14S	7W	2	83-11-22	0	25	11	150	3.0	--	274	.6	120
CN- 168	14S	5W	17	83-12-06	0	15	7.5	150	3.2	267	--	.4	100
CATAHOULA PARISH--Continued													
CT- 211	8N	6E	14	83-11-17	38	19	11	29	.8	55	--	12	56
CT- 223	8N	7E	28	84-08-20	0	4.8	1.8	170	3.9	167	--	.2	170
CLAIBORNE PARISH--Continued													
CL- 163A	22N	6W	18	84-01-11	0	6.6	.6	32	2.5	70	--	16	6.0
CL- 163B	22N	6W	18	83-12-20	0	1.6	.6	41	1.5	75	--	13	9.2
DE SOTO PARISH--Continued													
DS- 579	12N	14W	31	84-05-10	0	3.8	.8	170	2.1	--	316	.4	48
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	0	16	7.2	30	1.4	96	--	2.0	22
GRANT PARISH--Continued													
G- 436	9N	1W	5	84-05-08	0	1.3	.4	290	2.4	--	463	.4	120
G- 437	9N	1W	3	84-05-21	0	1.8	.4	240	2.4	--	460	.2	76
G- 439	8N	4W	8	84-08-08	0	.4	.2	160	1.1	339	--	.6	20
JACKSON PARISH--Continued													
JA- 167	15N	3W	30	84-01-17	0	1.4	<.1	92	1.1	166	--	17	18
LA SALLE PARISH--Continued													
LA- 257	8N	4E	8	84-03-01	0	1.8	.6	5.7	1.2	18	--	.2	1.3
NATCHITOCHES PARISH--Continued													
NA- 499	10N	9W	7	83-10-03	0	3.3	1.5	290	2.2	523	--	.2	63
NA- 500	10N	9W	27	83-10-04	0	5.7	2.9	21	1.6	51	--	1.0	9.0

< Actual value is known to be less than the value shown.

COMPLETE CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C, DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	NITROGEN, NITRATE, TOTAL (MG/L AS NO3)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, DISSOLVED (UG/L AS MN)
					ACADIA PARISH--Continued						
AC- 452	10S	1W	34	84-02-14	0.2	30	483	492	0.33	1000	55
					ALLEN PARISH--Continued						
AL- 15	5S	3W	27	84-04-19	.3	51	223	208	.19	7500	530
AL- 378A	5S	3W	28	84-04-13	.8	19	--	355	.27	200	10
AL- 378B	5S	3W	28	84-04-19	.3	53	231	237	.28	560	50
AL- 378C	5S	3W	28	84-04-25	.4	54	219	215	.06	800	160
					ASCENSION PARISH--Continued						
AN- 332	8S	3E	29	84-04-30	.3	32	390	392	.05	1700	120
AN- 333	8S	3E	29	84-04-30	.3	36	336	338	.13	20	20
					BEAUREGARD PARISH--Continued						
BE- 378	7S	8W	19	84-02-14	.3	33	177	182	.47	2600	91
					CALCASIEU PARISH--Continued						
CU- 771	10S	9W	5	84-03-07	.2	23	251	248	.23	50	70
					CAMERON PARISH--Continued						
CN- 92	12S	7W	12	84-04-26	.2	24	952	951	.08	130	170
CN- 167	14S	7W	2	83-11-22	.1	25	517	500	.21	100	93
CN- 168	14S	5W	17	83-12-06	.2	24	472	460	.16	160	41
					CATAHOULA PARISH--Continued						
CT- 211	8N	6E	14	83-11-17	.3	44	254	213	8.1	10	8
CT- 223	8N	7E	28	84-07-20	.3	45	495	496	.21	940	55
					CLAIBORNE PARISH--Continued						
CL- 163A	22N	6W	18	84-01-11	.1	51	148	156	.09	1300	50
CL- 163B	22N	6W	18	83-12-20	.2	39	161	150	.33	1000	29
					DE SOTO PARISH--Continued						
DS- 579	12N	14W	31	84-05-10	.6	12	433	428	.37	10	7
					EVANGELINE PARISH--Continued						
EV- 749	4S	1W	8	84-03-22	.3	48	182	184	.53	2000	730
					GRANT PARISH--Continued						
G- 436	9N	1W	5	84-05-08	.8	12	754	706	1.2	50	10
G- 437	9N	1W	3	84-05-21	.6	13	642	611	.71	30	5
G- 439	8N	4W	8	84-08-08	1.4	12	434	400	.20	70	4
					JACKSON PARISH--Continued						
JA- 167	15N	3W	30	84-01-17	.2	25	255	255	.14	70	<10
					LA SALLE PARISH--Continued						
LA- 257	8N	4E	8	84-03-01	<.1	36	60	58	.37	10	<10
					NATCHITOCHES PARISH--Continued						
NA- 499	10N	9W	7	83-10-03	1.8	12	713	688	.40	40	67
NA- 500	10N	9W	27	83-10-04	<.1	53	152	136	.76	10000	500

BEST COPY AVAILABLE

WELL NO. [1]	LOCATION T.	R.	SEC.	STATION NUMBER	GEO-LOGIC UNIT [2]	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, FIELD (UMHOS)	PH, FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS (MG/L AS CACO3)
ST. LANDRY PARISH												
SL- 257	6S	4E	65	303215092022303	112CHCTL	576	84-07-11	1890	7.4	23.0	5	160
SL- 258	6S	4E	65	303215092022304	112CHCTL	586	84-07-11	1600	7.6	23.0	0	120
SL- 392	7S	4E	66	302455092032001	112CHCT	126	84-03-27	263	6.6	21.0	0	97
ST. MARTIN PARISH												
SMN- 109	9S	7E	36	301304091424002	112CHCTU	375	84-03-09	1090	6.8	21.0	0	220
ST. MARY PARISH												
SM- 57U	14S	8E	27	294749091402301	112CHCTU	638	84-03-20	1150	7.4	21.0	5	320
ST. TAMMANY PARISH												
ST- 778	8S	12E	40	301915089563801	112UPTC	292	83-10-17	[3]300	7.2	22.5	10	4
VERMILION PARISH												
VE- 650	13S	4E	37	295341092055401	112CHCT	205	84-05-02	493	7.3	22.0	0	200
WEST CARROLL PARISH												
WC- 140	22N	10E	25	325150091234102	124CCKF	302	84-09-20	910	7.3	2[illegible].0	10	270
WINN PARISH												
W- 186	9N	5W	24	314457092444101	112UPTC	65	83-10-20	[3]46	5.8	--	0	9

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY, FIELD (MG/L AS CACO3)	ALKA-LINITY, LAB (MG/L AS CACO3)	SULFATE, DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	0	38	15	340	4.1	262	--	0.2	430
SL- 258	6S	4E	65	84-07-11	0	31	11	300	3.7	305	--	.2	330
SL- 392	7S	4E	66	84-03-27	0	24	9.1	13	1.6	--	116	7.0	4.0
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	0	58	18	170	2.7	461	--	2.0	100
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	0	70	36	140	3.1	346	--	.2	180
ST. TAMMANY PARISH--Continued													
ST- 778	8S	12E	40	83-10-17	0	1.2	0.3	74	1.1	--	136	3.0	6.0
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	0	51	18	37	2.5	267	--	.2	9.0
WEST CARROLL PARISH--Continued													
WC- 140	22N	10E	25	84-09-20	0	66	25	100	3.8	370	--	.2	78
WINN PARISH--Continued													
W- 186	9N	5W	24	83-10-20	0	1.9	1.0	4.0	1.3	11	--	.2	3.0

[1] Additional information for wells SL-257, SL-258, SL-392, SMN-109, SM- 57U, VE-650, and WC-140 may be found in the minor elements, pesticide analyses, or organic chemical analyses tables.

[2] See explanation of geologic unit (aquifer) at end of table.

[3] Lab measurement.

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C, DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRATE, TOTAL (MG/L AS NO3)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
ST. LANDRY PARISH--Continued											
SL- 257	6S	4E	65	84-07-11	0.2	32	1040	1020	0.38	620	240
SL- 258	6S	4E	65	84-07-11	.3	32	906	891	.23	70	150
SL- 392	7S	4E	66	84-03-27	.5	40	169	169	.13	11000	240
ST. MARTIN PARISH--Continued											
SMN- 109	9S	7E	36	84-03-09	.2	35	666	666	.30	1100	120
ST. MARY PARISH--Continued											
SM- 57U	14S	8E	27	84-03-20	.2	20	621	658	.22	200	110
ST. TAMMANY PARISH--Continued											
ST- 778	8S	12E	40	83-10-17	.7	23	202	192	.35	70	29
VERMILION PARISH--Continued											
VE- 650	13S	4E	37	84-05-02	.2	36	291	314	.12	2500	370
WEST CARROLL PARISH--Continued											
WC- 140	22N	10E	25	84-09-20	.3	23	526	518	.04	730	360
WINN PARISH--Continued											
W- 186	9N	5W	24	83-10-20	<.1	23	56	48	6.7	10	12

Geologic unit (aquifer):

112CHCT-Chicot aquifer, Pleistocene age.
112CHCTL-Chicot aquifer, lower sand unit, Pleistocene age.
112CHCTS-Chicot aquifer, shallow sand unit, Pleistocene age.
112CHCTU-Chicot aquifer, upper sand unit, Pleistocene age.
112DDMRO-Deltaic deposits of Mississippi River valley, older, Pleistocene age.
112GRMC-Gramercy aquifer, Pleistocene age.
112GZNO-Gonzales-New Orleans aquifer, Pleistocene age.
112MRVA-Mississippi River alluvial aquifer, Pleistocene age.
112NORC-Norco aquifer, Pleistocene age.
112SLBR-Shallow sands of Baton Rouge area, Pleistocene age.
112UPTC-Upland terrace deposits, Pleistocene age.
11202LC-"200-foot" sand of Lake Charles area, Pleistocene age.
11204BR-"400-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
11205LC-"500-foot" sand of Lake Charles area, Pleistocene age.
11206BR-"600-foot" sand of Baton Rouge-Gonzales area, Pleistocene age.
120ABIT-Abita aquifer, Pliocene age.
120SLDL-Slidell aquifer, Pliocene age.
121EVGL-Evangeline aquifer, Pliocene-Miocene age.
12110BR-"1,000-foot" sand of Baton Rouge area, Pliocene age.
12112BR-"1,200-foot" sand of Baton Rouge area, Pliocene age.
12115BR-"1,500-foot" sand of Baton Rouge area, Pliocene age.
12117BR-"1,700-foot" sand of Baton Rouge area, Pliocene age.
122CTHL-Catahoula Formation, Miocene age.
12220BR-"2,000-foot" sand of Baton Rouge area, Miocene age.
12223BR-"2,000-2,400-foot" sands of Baton Rouge area, Miocene age.
12224BR-"2,400-foot" sand of Baton Rouge area, Miocene age.
12228BR-"2,800-foot" sand of Baton Rouge area, Miocene age.
124CCKF-Cockfield Formation, Eocene age.
124SPRT-Sparta sand, Eocene age.
124WLCX-Wilcox Group, Eocene age.

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PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION			STATION NUMBER	GEOLOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPECIFIC CONDUCTANCE, LAB (UMHOS)	HARDNESS (MG/L AS CACO3)	CALCIUM, DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	CHLORIDE, DISSOLVED (MG/L AS CL)
	T.	R.	SEC.									
ASCENSION PARISH												
AN- 16	8S	3E	20	302008090541601	12112BR	1693	83-12-23	2150	19	5.5	1.3	510
AN- 168	9S	2E	46	301255091020201	112NORC	310	83-11-03	2310	300	78	26	570
AN- 178	9S	2E	46	301249091020501	112DDMRO	260	83-11-03	1140	250	67	19	200
AN- 219	10S	2E	11	301220091004101	112NORC	350	83-11-03	777	83	20	8.0	66
AN- 244	9S	2E	46	301303091020101	112NORC	280	83-11-03	1580	220	56	19	390
AN- 308	9S	2E	46	301308091015301	112NORC	281	83-11-03	1080	240	63	21	190
CALCASIEU PARISH												
CU- 615	10S	9W	4	301338093172801	11205LC	533	84-05-28	693	--	--	--	100
CU- 694	10S	9W	19	301044093195101	11205LC	556	84-05-28	1600	--	--	--	390
CAMERON PARISH												
CN- 80U	12S	3W	24	295846092381104	112CHCTU	453	84-06-05	1240	--	--	--	250
EAST BATON ROUGE PARISH												
EB- 151	7S	1E	82	302641091085801	12223BR	2658	83-11-23	346	5	1.9	<0.1	1.8
EB- 298	7S	1E	81	302638091090801	12112BR	1387	84-01-05	376	13	2.9	1.3	2.2
EB- 413	7S	1E	81	302642091083201	12115BR	1745	83-11-23	313	2	0.8	.1	2.7
EB- 434	7S	1W	49	302619091104003	11206BR	611	83-12-15	498	37	12	1.8	69
EB- 500	7S	1W	46	302654091101101	11206BR	710	83-12-22	11400	1300	420	70	3800
EB- 569	7S	1W	65	302312091111701	12115BR	2170	83-12-15	1950	18	5.4	1.2	450
EB- 575	8S	1W	68	302149091101401	12220BR	2500	84-01-10	1150	2	.9	.1	210
EB- 611	8S	2E	50	302149091012401	11204BR	600	84-01-10	781	11	3.2	.8	150
EB- 621	7S	1E	39	302500091052501	12112BR	1487	83-11-23	477	8	3.0	.2	44
EB- 674	7S	1W	48	302656091101301	12220BR	2250	84-01-05	357	2	.9	<.1	2.0
EB- 681	8S	2E	50	302147091012301	112SLBR	289	84-01-10	715	87	20	9.0	15
EB- 725	7S	1E	43	302431091074601	11204BR	598	84-01-10	392	9	2.5	.6	31
EB- 733	7S	1E	81	302647091083301	12223BR	2637	83-11-23	332	5	1.8	.1	1.8
EB- 750	6S	1W	75	303141091114801	12228BR	2643	83-11-23	677	5	1.8	.1	46
EB- 760B	8S	2E	5	302250091021202	11204BR	640	84-01-10	721	12	3.5	.7	130
EB- 771	7S	1E	81	302646091083801	12115BR	1739	83-11-23	308	3	.9	.1	2.9
EB- 778	7S	1E	94	302509091082701	12220BR	2586	83-12-20	987	4	1.5	.1	200
EB- 780A	7S	1E	94	302509091082702	12112BR	1622	83-12-20	2800	130	45	4.3	840
EB- 780B	7S	1E	94	302509091082703	12115BR	1913	83-12-20	1610	8	2.6	.4	340
EB- 781	7S	1E	94	302535091090401	12220BR	2286	83-12-09	6380	140	44	8.6	2100
EB- 782A	7S	1E	94	302535091090402	12110BR	1189	83-12-09	1860	20	6.8	.8	480
EB- 782B	7S	1E	94	302535091090403	12115BR	1681	83-12-09	2440	79	25	4.0	680
EB- 783A	7S	1W	54	302502091113601	12115BR	2179	83-12-15	587	6	1.3	.6	72
EB- 783B	7S	1W	54	302502091113602	12220BR	2675	83-12-15	3240	8	2.5	.4	780
EB- 789A	7S	1E	93	302511091070401	11204BR	711	83-12-19	1100	43	14	2.0	250
EB- 789B	7S	1E	93	302511091070402	12115BR	1721	83-12-19	4080	190	65	6.4	1300
EB- 792B	7S	1E	95	302605091080602	12220BR	2286	83-12-13	382	3	1.2	.1	1.6
EB- 793	7S	1W	71	302719091103201	11206BR	687	83-12-22	329	3	1.2	.1	2.8
EB- 794	7S	1W	52	302559091110801	12224BR	2709	83-12-13	559	89	21	9.0	15
EB- 798	6S	1W	39	303133091103101	12228BR	2647	83-11-23	287	3	.9	.1	4.9
EB- 803A	8S	2E	5	302306091022601	12115BR	1975	83-12-02	769	4	1.4	.2	66
EB- 803B	8S	2E	5	302306091022602	12220BR	2565	83-12-01	2070	29	8.8	1.7	530
EB- 804A	7S	1E	70	302428091035001	12117BR	1950	83-12-07	376	1	.4	<.1	2.1
EB- 804B	7S	1E	70	302428091035002	12224BR	2762	83-12-07	407	2	1.0	<.1	2.0
EB- 805	7S	1E	70	302428091035003	12110BR	1072	83-12-07	16300	2200	630	160	6200
EB- 806B	7S	1W	72	302702091103902	12224BR	2579	83-12-21	356	9	2.0	.1	1.4
EB- 807A	7S	1E	96	302611091091201	12115BR	1713	83-12-20	6620	220	59	18	2100
EB- 807B	7S	1E	96	302611091091202	12220BR	2264	83-12-19	402	5	1.8	.2	15
EB- 815	7S	1E	52	302425091062301	11204BR	645	83-12-16	366	6	1.8	.4	22
EB- 816	7S	1E	62	302534091054501	11204BR	520	84-01-10	304	3	1.0	<.1	2.8
EB- 817	7S	1W	74	302644091101801	12220BR	2284	84-01-10	300	3	.9	.1	5.0
EB- 822	7S	1W	54	302510091105003	11204BR	573	83-12-09	2800	330	110	15	820
EB- 870	7S	1W	44	302729091100601	11206BR	692	83-12-16	293	14	4.2	.8	2.9
EB- 894	8S	2E	5	302251091021201	112SLBR	519	84-01-10	367	13	3.6	.9	13
EB- 917	7S	1E	95	302614091083001	12115BR	1736	83-12-19	301	1	.4	<.1	2.9

[1] See explanation of geologic unit (aquifer) at end of the complete chemical analyses table.

< Actual value is known to be less than the value shown.

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PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	STATION NUMBER	GEO-LOGIC UNIT 1/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, LAB (UMHOS)	HARD-NESS (MG/L AS CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
EAST BATON ROUGE PARISH--Continued												
EB- 918	7S	1E	91	302547091074401	12115BR	1834	83-12-07	311	3	0.9	0.1	1.9
EB-1000	6S	1W	69	303251091115001	12228BR	2926	83-12-16	812	3	1.2	<.1	98
EB-1028	7S	1W	53	302605091100901	12220BR	2238	84-01-05	650	4	1.5	.1	96
FRANKLIN PARISH												
FR- 48	14N	7E	26	321006091431801	112MRVA	80	84-05-02	--	260	64	25	100
FR- 49	14N	7E	26	321008091431701	112MRVA	80	84-05-02	--	260	63	25	170
FR- 347	14N	7E	26	321014091431701	112MRVA	82	84-05-02	--	400	98	38	260
FR- 368	14N	7E	26	321011091431701	112MRVA	79	84-05-02	--	340	82	32	270
IBERVILLE PARISH												
IB- 39B	7S	10E	38	302520091261501	12220BR	2504	83-11-28	1200	12	3.8	.5	240
							84-07-31	1230	--	--	--	240
IB- 231	9S	13E	3	301541091073101	112DDMRO	370	83-11-28	1230	100	26	8.7	170
IB- 232	9S	13E	3	301539091072801	112DDMRO	370	83-11-28	951	98	25	8.7	100
ORLEANS PARISH												
OR- 61	12S	12E	38	300055090013101	112GZNO	653	83-11-04	970	17	4.8	1.3	88
OR- 130	12S	12E		295738090021001	112GZNO	736	83-11-04	1840	43	11	3.8	370
OR- 170	12S	13E	42	300026089561101	112GZNO	645	83-11-04	1890	30	7.8	2.6	400
OR- 171	12S	13E	42	300030089561801	112GZNO	645	83-11-04	1210	15	3.6	1.5	180
OR- 179	10S	15E	19	300959089441901	120ABIT	2434	83-11-15	617	2	.6	.1	4.8
RICHLAND PARISH												
RI- 111	17N	9E	23	322634091303901	112MRVA	67	84-05-02	--	430	110	37	210
RI- 112	17N	9E	24	322623091294901	112MRVA	67	84-05-02	--	520	150	36	480
RI- 114	17N	9E	24	322636091295702	112MRVA	66	84-05-02	--	330	81	30	240
RI- 124	17N	9E	25	322605091301101	112MRVA	84	84-05-04	--	550	140	52	240
RI- 260	17N	9E	26	322605091303501	112MRVA	70	84-05-02	--	570	130	58	340
ST. CHARLES PARISH												
SC- 51	12S	8E	6	300043090241201	112NORC	413	83-11-15	1340	46	11	4.6	210
SC- 159	12S	20E	23	295926090273101	112NORC	440	83-11-17	1700	43	7.2	6.2	230
ST. JAMES PARISH												
SJ- 163	11S	5E	190	300343090395901	112GRMC	265	83-11-15	2940	140	38	11	840
SJ- 173	12S	16E	9	295938090505001	112GRMC	342	83-11-17	1110	350	110	16	110
SJ- 206	11S	5E	190	300325090394701	112GRMC	244	83-11-15	827	180	47	16	110
ST. JOHN THE BAPTIST PARISH												
SJB- 163B	11S	7E	30	300310090281702	112GZNO	635	84-01-06	741	12	3.0	1.0	72
ST. MARTIN PARISH												
SMN- 108	9S	7E	36	301304091424001	112CHCTU	505	84-05-31	1810	--	--	--	300
ST. MARY PARISH												
SM- 57U	14S	8E	27	294749091402301	112CHCTU	638	84-05-31	1140	--	--	--	190
SM- 74	14S	9E	61	294815091313201	112CHCTU	528	84-02-29	3100	--	--	--	800
ST. TAMMANY PARISH												
ST- 563	9S	14E	15	301536089470501	120SLDL	2411	83-12-01	383	3	1.3	<.1	2.0
VERMILION PARISH												
VE- 630U	14S	1E	10	295031092203202	112CHCTU	498	84-06-01	1060	--	--	--	140
VE- 639	16S	1W	2	293845092264901	112CHCTS	608	84-05-31	1520	--	--	--	300
WEST BATON ROUGE PARISH												
WBR- 36	7S	12E	69	302610091121101	12112BR	1360	83-11-28	915	17	5.4	.8	180
WBR- 37	7S	12E	69	302613091121501	12112BR	1356	83-11-28	859	15	4.7	.7	160
WBR- 97B	7S	12E	70	302546091131402	12115BR	2200	83-12-14	504	5	1.4	.4	54
WBR- 100A	7S	12E	68	302652091121401	12117BR	1888	83-12-05	314	4	1.3	.2	2.5
WBR- 100B	7S	12E	68	302652091121402	12224BR	2448	83-12-05	347	3	1.0	.1	1.5

1/See explanation of geologic unit (aquifer) at end of the complete chemical analyses table.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	STATION NUMBER	GEO-LOGIC UNIT [1]	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, LAB (UMHOS)	HARD-NESS (MG/L AS CACO3)	CALCIUM, DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
				WEST BATON ROUGE PARISH--Continued								
WBR- 102A	7S	12E	7	302806091172601	12112BR	1288	84-01-06	256	5	1.5	0.3	4.6
WBR- 102B	7S	12E	7	302806091172602	12220BR	2100	84-01-06	359	2	0.8	<.1	0.8
WBR- 106	7S	12E	93	302703091133703	12220BR	2017	83-12-05	405	2	.5	.2	1.1
WBR- 111	7S	12E	70	302550091124101	12220BR	2650	83-12-08	620	2	.6	.1	2.4
WBR- 112	7S	12E	70	302550091124102	12115BR	2205	83-12-08	557	4	1.4	.2	64
WBR- 113	7S	12E	70	302547091123201	12115BR	2242	83-12-08	885	11	4.2	.2	130
WBR- 114	8S	12E	5	302421091134402	12115BR	2146	84-05-02	350	170	46	14	4.7
							[2] 84-05-02	346	180	47	14	4.4
WBR- 137	7S	12E	93	302657091142101	12112BR	1330	83-12-12	277	3	1.0	.1	2.5
WBR- 147	7S	12E	70	302559091122001	12110BR	1292	83-12-12	2790	35	10	2.4	780
WBR- 148	7S	11E	23	302702091185101	12112BR	1304	83-12-14	334	1	.3	.1	1.3

[1] See explanation of geologic unit (aquifer) at end of the complete chemical analyses table.
[2] Different time of day.

PARTIAL CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO. 1/	LOCATION T.	R.	SEC.	STATION NUMBER	GEO-LOGIC UNIT 2/	DEPTH OF WELL (FEET)	DATE OF SAMPLE	SPE-CIFIC CON-DUCT-ANCE, FIELD (UMHOS)	PH, FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	ALKA-LINITY, FIELD (MG/L AS CACO3)	SULFATE, DIS-SOLVED (MG/L AS SO4)	IRON, DIS-SOLVED (UG/L AS FE)
							ASCENSION PARISH						
AN- 24	8S	3E	41	301933090550501	11204BR	619	84-05-01	345	8.2	24.0	159	3.6	--
AN- 58	8S	3E	30	301918090562601	11204BR	654	84-05-01	359	8.5	23.0	160	4.4	--
AN- 281	8S	3E	29	301902090555201	112GZNO	365	84-05-03	365	7.2	25.0	193	0.6	--
AN- 334	8S	3E	33	301832090551901	112GZNO	403	84-05-04	314	8.1	24.5	173	1.8	--
AN- 349	8S	3E	45	301928090561801	11204BR	630	84-05-01	404	8.3	24.5	166	3.0	--
AN- 350	8S	3E	29	301850090561501	11204BR	465	84-05-03	370	8.3	23.5	182	1.0	--
AN- 351	8S	3E	29	301922090560801	11204BR	589	84-05-03	336	7.3	24.5	169	1.2	--
							BEAUREGARD PARISH						
BE- 378	7S	8W	19	302553093135002	112CHCT	172	84-05-07	298	6.8	24.5	99	--	--
							CALCASIEU PARISH						
CU- 771	10S	9W	5	301336093183002	11202LC	241	84-05-07	414	8.0	22.0	200	--	--
							ST. LANDRY PARISH						
SL- 257	6S	4E	65	303215092022303	112CHCTL	576	84-08-20	3/ 1960	7.2	23.0	3/ 296	--	4/ 670
SL- 258	6S	4E	65	303215092022304	112CHCTL	586	84-08-20	3/ 1680	7.6	23.0	3/ 303	--	5/ 200
							ST. MARTIN PARISH						
SMN- 109	9S	7E	36	301304091424002	112CHCTU	375	84-05-17	1110	7.4	21.0	462	--	--
							WINN PARISH						
W- 190	9N	5W	26	314356092510102	112UPTC	120	6/ 83-10-20	42	5.4	20.5	6	.2	10

[1] Additional information for Ascension Parish wells can be found in the minor elements table.
[2] See explanation of geologic unit (aquifer) at end of the complete chemical analyses table.
[3] Lab measurement.
[4] Total iron (Fe), 690 ug/L.
[5] Total iron (Fe), 480 ug/L.
[6] Hardness, 7 mg/L; dissolved manganese (Mn), 9 ug/L; dissolved calcium (Ca), 1.2 mg/L; dissolved magnesium (Mg), 0.9 mg/L; dissolved chloride (Cl), 5.5 mg/L.

MINOR ELEMENTS FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	STATION NUMBER	DATE OF SAMPLE	ALUMINUM, DISSOLVED (UG/L AS AL)	ANTIMONY, TOTAL (UG/L AS SB)	ANTIMONY, DISSOLVED (UG/L AS SB)	ARSENIC, TOTAL (UG/L AS AS)	ARSENIC, DISSOLVED (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)
ACADIA PARISH											
AC- 452	10S	1W	34	300742092265901	84-02-14	--	<1	--	<1	--	--
ASCENSION PARISH											
AN- 24	8S	3E	41	301933090550501	84-05-01	--	--	--	--	--	<100
AN- 58	8S	3E	30	301918090562601	84-05-01	--	--	--	--	--	<100
AN- 281	8S	3E	29	301902090555201	84-05-03	--	--	--	--	--	100
AN- 332	8S	3E	29	301917090555301	84-04-30	--	<1	--	1	--	800
AN- 333	8S	3E	29	301914090555101	84-04-30	--	<1	--	<1	--	400
AN- 334	8S	3E	33	301832090551901	84-05-04	--	--	--	--	--	--
AN- 349	8S	3E	45	301928090561801	84-05-01	--	--	--	--	--	<100
AN- 350	8S	3E	29	301850090561501	84-05-03	--	--	--	--	--	100
AN- 351	8S	3E	29	301922090560801	84-05-03	--	--	--	--	--	<100
BEAUREGARD PARISH											
BE- 378	7S	8W	19	302553093135002	84-02-14	--	<1	--	3	--	--
CALCASIEU PARISH											
CU- 771	10S	9W	5	301336093183002	84-03-07	--	2	--	1	--	--
CAMERON PARISH											
CN- 92	12S	7W	12	300104093015601	84-04-26	--	<1	--	<1	--	--
CATAHOULA PARISH											
CT- 211	8N	6E	14	314018091500801	83-11-17	30	--	<1	--	<1	--
CLAIBORNE PARISH											
CL- 163A	22N	6W	18	325415093013002	84-01-11	<10	--	<1	--	<1	--
CL- 163B	22N	6W	18	325415093013001	83-12-20	20	--	<1	--	1	--
DE SOTO PARISH											
DS- 579	12N	14W	31	315914093500701	84-05-10	20	--	<1	--	<1	--
EVANGELINE PARISH											
EV- 749	4S	1W	8	304316092300701	84-03-22	--	<1	--	5	--	--
GRANT PARISH											
G- 436	9N	1W	5	314748092290001	84-05-08	<10	--	<1	--	<1	--
G- 437	9N	1W	3	314746092275701	84-05-21	<10	--	<1	--	<1	--
G- 439	8N	4W	8	314145092482501	84-08-08	40	--	<1	--	1	--
JACKSON PARISH											
JA- 167	15N	3W	30	321520092424801	84-01-17	30	--	<1	--	<1	--
LA SALLE PARISH											
LA- 257	8N	4E	8	314122092044401	84-03-01	<10	--	<1	--	1	
NATCHITOCHES PARISH											
NA- 499	10N	9W	7	315208093192801	83-10-03	10	--	<1	--	1	--
NA- 500	10N	9W	27	314905093171301	83-10-04	<100	--	<1	--	1	--
ST. LANDRY PARISH											
SL- 257	6S	4E	65	303215092022303	84-07-11	--	<1	--	1	--	600
SL- 258	6S	4E	65	303215092022304	84-07-11	--	<1	--	1	--	500
SL- 392	7S	4E	66	302455092032001	84-03-27	--	<1	--	1	--	--
ST. MARTIN PARISH											
SMN- 109	9S	7E	36	301304091424002	84-03-09	--	<1	--	<1	--	--
ST. MARY PARISH											
SM- 57U	14S	8E	27	294749091402301	84-03-20	--	<1	--	<1	--	--

< Actual value is known to be less than the value shown.

MINOR ELEMENTS FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	BARIUM, SUSPENDED RECOVERABLE (UG/L AS BA)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADIUM, TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM, DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	--	--	<10	--	<1	--	1	--	--
ASCENSION PARISH--Continued													
AN- 24	8S	3E	41	84-05-01	--	<100	--	--	--	--	--	--	--
AN- 58	8S	3E	30	84-05-01	--	<100	--	--	--	--	--	--	--
AN- 281	8S	3E	29	84-05-03	0	100	--	--	--	--	--	--	--
AN- 332	8S	3E	29	84-04-30	--	--	<10	--	1	--	<1	--	--
AN- 333	8S	3E	29	84-04-30	--	--	<10	--	1	--	<1	--	--
AN- 334	8S	3E	33	84-05-04	--	100	--	--	--	--	--	--	--
AN- 349	8S	3E	45	84-05-01	--	<100	--	--	--	--	--	--	--
AN- 350	8S	3E	29	84-05-03	0	100	--	--	--	--	--	--	--
AN- 351	8S	3E	29	84-05-03	--	<100	--	--	--	--	--	--	--
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	--	--	<10	--	<1	--	12	--	--
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	--	--	<10	--	1	--	7	--	--
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	--	--	<10	--	1	--	<1	--	--
CATAHOULA PARISH--Continued													
CT- 211	8N	6E	14	83-11-17	--	91	--	<0.5	--	<1	--	10	6
CLAIBORNE PARISH--Continued													
CL- 163A	22N	6W	18	84-01-11	--	51	--	<.5	--	1	--	<10	8
CL- 163B	22N	6W	18	83-12-20	--	42	--	<.5	--	<1	--	<10	5
DE SOTO PARISH--Continued													
DS- 579	12N	14W	31	84-05-10	--	<100	--	<10	--	1	--	10	2
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	--	--	<10	--	2	--	4	--	--
GRANT PARISH--Continued													
G- 436	9N	1W	5	34-05-08	--	<100	--	<10	--	<1	--	10	2
G- 437	9N	1W	3	84-05-21	--	<100	--	<10	--	1	--	<10	2
G- 439	8N	4W	8	84-08-08	--	<100	--	<10	--	1	--	<10	3
JACKSON PARISH--Continued													
JA- 167	15N	3W	30	84-01-17	--	6	--	<.5	--	<1	--	<10	7
LA SALLE PARISH--Continued													
LA- 257	8N	4E	8	84-03-01	--	24	--	<.5	--	<1	--	<10	1
NATCHITOCHES PARISH--Continued													
NA- 499	10N	9W	7	83-10-03	--	67	--	<.5	--	<1	--	<10	2
NA- 500	10N	9W	27	83-10-04	--	85	--	<.5	--	1	--	<10	2
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	--	--	<10	--	1	--	22	--	--
SL- 258	6S	4E	65	84-07-11	--	--	<10	--	1	--	15	--	--
SL- 392	7S	4E	66	84-03-27	--	--	<10	--	1	--	4	--	--
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	--	--	<10	--	1	--	3	--	--
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	--	--	<10	--	2	--	4	--	--

BEST COPY AVAILABLE

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM, DISSOLVED (UG/L AS LI)	MERCURY, TOTAL RECOVERABLE (UG/L AS HG)	MERCURY, DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<1	--	1	--	--	0.1	--	--	1
ASCENSION PARISH--Continued													
AN- 24	8S	3E	41	84-05-01	--	--	3	--	--	--	--	--	--
AN- 58	8S	3E	30	84-05-01	--	--	1	--	--	--	--	--	--
AN- 281	8S	3E	29	84-05-03	--	--	5	--	--	--	--	--	--
AN- 332	8S	3E	29	84-04-30	5	--	11	--	--	<.1	--	--	4
AN- 333	8S	3E	29	84-04-30	<1	--	5	--	--	<.1	--	--	1
AN- 334	8S	3E	33	84-05-04	--	--	--	--	--	--	--	--	--
AN- 349	8S	3E	45	84-05-01	--	--	4	--	--	--	--	--	--
AN- 350	8S	3E	29	84-05-03	--	--	1	--	--	--	--	--	--
AN- 351	8S	3E	29	84-05-03	--	--	2	--	--	--	--	--	--
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	80	--	8	--	--	<.1	--	--	1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	2	--	3	--	--	.1	--	--	3
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	--	3	--	--	.2	--	--	3
CATAHOULA PARISH--Continued													
CT- 211	8N	6E	14	83-11-17	--	3	--	4	9	--	<0.1	<1	--
CLAIBORNE PARISH--Continued													
CL- 163A	22N	6W	18	84-01-11	--	<1	--	2	11	--	<.1	<1	--
CL- 163B	22N	6W	18	83-12-20	--	1	--	3	<4	--	<.1	<1	--
DE SOTO PARISH--Continued													
DS- 579	12N	14W	31	84-05-10	--	12	--	6	20	--	.2	<1	--
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	1	--	2	--	--	<.1	--	--	3
GRANT PARISH--Continued													
G- 436	9N	1W	5	84-05-08	--	1	--	2	10	--	.2	<1	--
G- 437	9N	1W	3	84-05-21	--	<1	--	1	10	--	.4	<1	--
G- 439	8N	4W	8	84-08-08	--	2	--	1	10	--	.1	1	--
JACKSON PARISH--Continued													
JA- 167	15N	3W	30	84-01-17	--	1	--	1	9	--	<.1	4	--
LA SALLE PARISH--Continued													
LA- 257	8N	4E	8	84-03-01	--	<1	--	2	<4	--	<.1	<1	--
NATCHITOCHES PARISH--Continued													
NA- 499	10N	9W	7	83-10-03	--	<1	--	3	22	--	<.1	<1	--
NA- 500	10N	9W	27	83-10-04	--	1	--	4	20	--	<.1	1	--
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	--	1	--	--	<.1	--	--	<1
SL- 258	6S	4E	65	84-07-11	3	--	2	--	--	.1	--	--	<1
SL- 392	7S	4E	66	84-03-27	2	--	3	--	--	<.1	--	--	2
ST. MARTIN PARISH--Continued													
SMN- 109	92	7E	36	84-03-09	1	--	1	--	--	<.1	--	--	1
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	2	--	3	--	--	.3	--	--	3

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, TOTAL (UG/L AS SE)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	SILVER, DIS-SOLVED (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)
ACADIA PARISH--Continued										
AC- 452	10S	1W	34	84-02-14	--	<1	--	<1	--	<10
ASCENSION PARISH--Continued										
AN- 24	8S	3E	41	84-05-01	--	--	--	--	--	--
AN- 58	8S	3E	30	84-05-01	--	--	--	--	--	--
AN- 281	8S	3E	29	84-05-03	--	--	--	--	--	--
AN- 332	8S	3E	29	84-04-30	--	<1	--	<1	--	3200
AN- 333	8S	3E	29	84-04-30	--	<1	--	2	--	<10
AN- 334	8S	3E	33	84-05-04	--	--	--	--	--	--
AN- 349	8S	3E	45	84-05-01	--	--	--	--	--	--
AN- 350	8S	3E	29	84-05-03	--	--	--	--	--	--
AN- 351	8S	3E	29	84-05-03	--	--	--	--	--	--
BEAUREGARD PARISH--Continued										
BE- 378	7S	8W	19	84-02-14	--	<1	--	<1	--	430
CALCASIEU PARISH--Continued										
CU- 771	10S	9W	5	84-03-07	--	<1	--	<1	--	600
CAMERON PARISH--Continued										
CN- 92	12S	7W	12	84-04-26	--	<1	--	<1	--	190
CATAHOULA PARISH--Continued										
CT- 211	8N	6E	14	83-11-17	7	--	<1	--	<1	--
CLAIBORNE PARISH--Continued										
CL- 163A	22N	6W	18	84-01-11	4	--	<1	--	<1	--
CL- 163B	22N	6W	18	83-12-20	1	--	<1	--	<1	--
DE SOTO PARISH--Continued										
DS- 579	12N	14W	31	84-05-10	4	--	<1	--	<1	--
EVANGELINE PARISH--Continued										
EV- 749	4S	1W	8	84-03-22	--	<1	--	<1	--	10
GRANT PARISH--Continued										
G- 436	9N	1W	5	84-05-08	1	--	<1	--	<1	--
G- 437	9N	1W	3	84-05-21	<1	--	<1	--	<1	--
G- 439	8N	4W	8	84-08-08	<1	--	<1	--	<1	--
JACKSON PARISH--Continued										
JA- 167	15N	3W	30	84-01-17	3	--	<1	--	<1	--
LA SALLE PARISH--Continued										
LA- 257	8N	4E	8	84-03-01	1	--	<1	--	<1	--
NATCHITOCHES PARISH--Continued										
NA- 499	10N	9W	7	83-10-03	1	--	<1	--	<1	--
NA- 500	10N	9W	27	83-10-04	2	--	<1	--	<1	--
ST. LANDRY PARISH--Continued										
SL- 257	6S	4E	65	84-07-11	--	<1	--	3	--	10
SL- 258	6S	4E	65	84-07-11	--	<1	--	3	--	<10
SL- 392	7S	4E	66	84-03-27	--	<1	--	<1	--	20
ST. MARTIN PARISH--Continued										
SMN- 109	9S	7E	36	84-03-09	--	<1	--	<1	--	1400
ST. MARY PARISH--Continued										
SM- 57U	14S	8E	27	84-03-20	--	<1	--	1	--	820

MINOR ELEMENTS FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	ZINC, DIS-SOLVED (UG/L AS ZN)	CARBON, ORGANIC, DIS-SOLVED (MG/L AS C)	CYANIDE, TOTAL (MG/L AS CN)	PHENOLS, TOTAL (UG/L)	HUMIC AND PULVIC ACIDS (MG/L)
ACADIA PARISH--Continued									
AC- 452	10S	1W	34	84-02-14	--	1.8	<0.01	--	0.6
ASCENSION PARISH--Continued									
AN- 24	8S	3E	41	84-05-01	--	--	--	--	--
AN- 58	8S	3E	30	84-05-01	--	--	--	--	--
AN- 281	8S	3E	29	84-05-03	--	--	--	--	--
AN- 332	8S	3E	29	84-04-30	--	0.6	<.01	<1	--
AN- 333	8S	3E	29	84-04-30	--	.7	<.01	<1	--
AN- 334	8S	3E	33	84-05-04	--	--	--	--	--
AN- 349	8S	3E	45	84-05-01	--	--	--	--	--
AN- 350	8S	3E	29	84-05-03	--	--	--	--	--
AN- 351	8S	3E	29	84-05-03	--	--	--	--	--
BEAUREGARD PARISH--Continued									
BE- 378	7S	8W	19	84-02-14	--	1.2	<.01	--	.2
CALCASIEU PARISH--Continued									
CU- 771	10S	9W	5	84-03-07	--	.8	<.01	--	.3
CAMERON PARISH--Continued									
CN- 92	12S	7W	12	84-04-26	--	.8	<.01	--	.2
CATAHOULA PARISH--Continued									
CT- 211	8N	6E	14	83-11-17	42	--	--	--	--
CLAIBORNE PARISH--Continued									
CL- 163A	22N	6W	18	84-01-11	210	--	--	--	--
CL- 163B	22N	6W	18	83-12-20	210	--	--	--	--
DE SOTO PARISH--Continued									
DS- 579	12N	14W	31	84-05-10	10	--	--	--	--
EVANGELINE PARISH--Continued									
EV- 749	4S	1W	8	84-03-22	--	.2	<.01	--	.1
GRANT PARISH--Continued									
G- 436	9N	1W	5	84-05-08	<10	--	--	--	--
G- 437	9N	1W	3	84-05-21	<10	--	--	--	--
G- 439	8N	4W	8	84-08-08	20	--	--	--	--
JACKSON PARISH--Continued									
JA- 167	15N	3W	30	84-01-17	31	--	--	--	--
LA SALLE PARISH--Continued									
LA- 257	8N	4E	8	84-03-01	34	--	--	--	--
NATCHITOCHES PARISH--Continued									
NA- 499	10N	9W	7	83-10-03	3	--	--	--	--
NA- 500	10N	9W	27	83-10-04	150	--	--	--	--
ST. LANDRY PARISH--Continued									
SL- 257	6S	4E	65	84-07-11	--	2.9	<.01	<1	--
SL- 258	6S	4E	65	84-07-11	--	2.3	<.01	<1	--
SL- 392	7S	4E	66	84-03-27	--	.6	<.01	--	.1
ST. MARTIN PARISH--Continued									
SMN- 109	9S	7E	36	84-03-09	--	2.4	<.01	--	.2
ST. MARY PARISH--Continued									
SM- 570	14S	8E	27	84-03-20	--	1.4	<.01	--	.1

BEST COPY AVAILABLE

MINOR ELEMENTS FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	STATION NUMBER	DATE OF SAMPLE	ALUMINUM, DISSOLVED (UG/L AS AL)	ANTIMONY, TOTAL (UG/L AS SB)	ANTIMONY, DISSOLVED (UG/L AS SB)	ARSENIC, TOTAL (UG/L AS AS)	ARSENIC, DISSOLVED (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)
VERMILION PARISH											
VE- 650	13S	4E	37	295341092055401	84-05-02	--	<1	--	3	--	--
WEST CARROLL PARISH											
WC- 140	22N	10E	25	325150091234102	84-09-20	<10	--	<1	--	<1	--

WELL NO.	LOCATION T.	R.	SEC	DATE OF SAMPLE	BARIUM, SUSPENDED RECOVERABLE (UG/L AS BA)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM, TOTAL RECOVERABLE (UG/L AS CD)	CADMIUM, DISSOLVED (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	--	--	<10	--	1	--	<1	--	--
WEST CARROLL PARISH--Continued													
WC- 140	22N	10E	25	84-09-20	--	400	--	<10	--	2	--	<10	3

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM, DISSOLVED (UG/L AS LI)	MERCURY, TOTAL RECOVERABLE (UG/L AS HG)	MERCURY, DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	--	5	--	--	<0.1	--	--	3
WEST CARROLL PARISH--Continued													
WC- 140	22N	10E	25	84-09-20	--	1	--	6	20	--	<0.1	<1	--

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, TOTAL (UG/L AS SE)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	SILVER, DISSOLVED (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)
VERMILION PARISH--Continued										
VE- 650	13S	4E	37	84-05-02	--	<1	--	1	--	360
WEST CARROLL PARISH--Continued										
WC- 140	22N	10E	25	84-09-20	4	--	<1	--	<1	--

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	ZINC, DISSOLVED (UG/L AS ZN)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	CYANIDE, TOTAL (MG/L AS CN)	PHENOLS, TOTAL (UG/L)	HUMIC AND FULVIC ACIDS (MG/L)
VERMILION PARISH--Continued									
VE- 650	13S	4E	37	84-05-02	--	1.4	<0.01	--	0.5
WEST CARROLL PARISH--Continued									
WC- 140	22N	10E	25	84-09-20	40	--	--	--	--

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PESTICIDE ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION			STATION NUMBER	DATE OF SAMPLE	PCB, TOTAL (UG/L)	ALDRIN, TOTAL (UG/L)	CHLOR-DANE, TOTAL (UG/L)	DDD, TOTAL (UG/L)	DDE, TOTAL (UG/L)	DDT, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)
	T.	R.	SEC.									
ACADIA PARISH												
AC- 452	10S	1W	34	300742092265901	84-02-14	<0.1	<0.01	<0.1	<0.01	<0.01	0.01	<0.01
ASCENSION PARISH												
AN- 332	8S	3E	29	301917090555301	84-04-30	<.1	<.01	<.1	<.01	<.01	<.01	<.01
AN- 333	8S	3E	29	301914090555101	84-04-30	<.1	<.01	<.1	<.01	<.01	<.01	<.01
BEAUREGARD PARISH												
BE- 378	7S	8W	19	302553093135002	84-02-14	<.1	<.01	<.1	<.01	<.01	<.01	<.01
CALCASIEU PARISH												
CU- 771	10S	9W	5	301336093183002	84-03-07	<.1	<.01	<.1	<.01	<.01	<.01	<.01
CAMERON PARISH												
CN- 92	12S	7W	12	300104093015601	84-04-26	<.1	<.01	<.1	<.01	<.01	<.01	<.01
EVANGELINE PARISH												
EV- 749	4S	1W	8	304316092300701	84-03-22	<.1	<.01	<.1	<.01	<.01	<.01	<.01
ST. LANDRY PARISH												
SL- 257	6S	4E	65	303215092022303	84-07-11	<.1	.03	<.1	.08	<.01	.08	<.01
SL- 258	6S	4E	65	303215092022304	84-07-11	<.1	<.01	<.1	<.01	<.01	<.01	<.01
SL- 392	7S	4E	66	302455092032001	84-03-27	<.1	<.01	<.1	<.01	<.01	<.01	<.01
ST. MARTIN PARISH												
SMN- 109	9S	7E	36	301304091424002	84-03-09	<.1	<.01	<.1	<.01	<.01	<.01	<.01
ST. MARY PARISH												
SM- 57U	14S	8E	27	294749091402301	84-03-20	<.1	<.01	<.1	<.01	<.01	<.01	<.01
VERMILION PARISH												
VE- 650	13S	4E	37	295341092055401	84-05-02	<.1	<.01	<.1	<.01	<.01	<.01	<.01

< Actual value is known to be less than the value shown.

BEST COPY AVAILABLE

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	DI-ELDRIN, TOTAL (UG/L)	ENDO-SULFAN, TOTAL (UG/L)	ENDRIN, TOTAL (UG/L)	ETHION, TOTAL (UG/L)	NAPH-THA-LENES, POLY-CHLOR., TOTAL (UG/L)	HEPTA-CHLOR, TOTAL (UG/L)	HEPTA-CHLOR EPOXIDE, TOTAL (UG/L)	LINDANE, TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)
						ACADIA PARISH--Continued							
AC- 452	10S	1W	34	84-02-14	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	<0.01	<0.01
						ASCENSION PARISH--Continued							
AN- 332	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
AN- 333	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						BEAUREGARD PARISH--Continued							
BE- 378	7S	8W	19	84-02-14	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						CALCASIEU PARISH--Continued							
CU- 771	10S	9W	5	84-03-07	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						CAMERON PARISH--Continued							
CN- 92	12S	7W	12	84-04-26	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						EVANGELINE PARISH--Continued							
EV- 749	4S	1W	8	84-03-22	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						ST. LANDRY PARISH--Continued							
SL- 257	6S	4E	65	84-07-11	.09	<.01	.07	<.01	<.1	<.01	<.01	.03	<.01
SL- 258	6S	4E	65	84-07-11	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
SL- 392	7S	4E	66	84-03-27	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						ST. MARTIN PARISH--Continued							
SMN- 109	9S	7E	36	84-03-09	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						ST. MARY PARISH--Continued							
SM- 570	14S	8E	27	84-03-20	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01
						VERMILION PARISH--Continued							
VE- 650	13S	4E	37	84-05-02	<.01	<.01	<.01	<.01	<.1	<.01	<.01	<.01	<.01

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	METH-OXY-CHLOR, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	METHYL TRI-THION, TOTAL (UG/L)	MIREX, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	PER-THANE, TOTAL (UG/L)	TOX-APHENE, TOTAL (UG/L)	TRI-THION, TOTAL (UG/L)
ACADIA PARISH--Continued												
AC- 452	10S	1W	34	84-02-14	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<1	<0.01
ASCENSION PARISH--Continued												
AN- 332	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
AN- 333	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
BEAUREGARD PARISH--Continued												
BE- 378	7S	8W	19	84-02-14	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
CALCASIEU PARISH--Continued												
CU- 771	10S	9W	5	84-03-07	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
CAMERON PARISH--Continued												
CN- 92	12S	7W	12	84-04-26	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
EVANGELINE PARISH--Continued												
EV- 749	4S	1W	8	84-03-22	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
ST. LANDRY PARISH--Continued												
SL- 257	6S	4E	65	84-07-11	.09	<.01	<.01	<.01	<.01	<.1	<1	<.01
SL- 258	6S	4E	65	84-07-11	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
SL- 392	7S	4E	66	84-03-27	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
ST. MARTIN PARISH--Continued												
SMN- 109	9S	7E	36	84-03-09	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
ST. MARY PARISH--Continued												
SM- 57U	14S	8E	27	84-03-20	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01
VERMILION PARISH--Continued												
VE- 650	13S	4E	37	84-05-02	<.01	<.01	<.01	<.01	<.01	<.1	<1	<.01

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	2,4-D, TOTAL (UG/L)	2, 4-DP, TOTAL (UG/L)	2,4,5-T, TOTAL (UG/L)	SILVEX, TOTAL (UG/L)
				ACADIA PARISH--Continued				
AC- 452	10S	1W	34	84-02-14	<0.01	<0.01	<0.01	<0.01
				ASCENSION PARISH--Continued				
AN- 332	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01
AN- 333	8S	3E	29	84-04-30	<.01	<.01	<.01	<.01
				BEAUREGARD PARISH--Continued				
BE- 378	7S	8W	19	84-02-14	<.01	<.01	<.01	<.01
				CALCASIEU PARISH--Continued				
CU- 771	10S	9W	5	84-03-07	<.01	<.01	<.01	<.01
				CAMERON PARISH--Continued				
CN- 92	12S	7W	12	84-04-26	<.01	<.01	<.01	<.01
				EVANGELINE PARISH--Continued				
EV- 749	4S	1W	8	84-03-22	<.01	<.01	<.01	<.01
				ST. LANDRY PARISH--Continued				
SL- 257	6S	4E	65	84-07-11	<.01	<.01	<.01	<.01
SL- 258	6S	4E	65	84-07-11	<.01	<.01	<.01	<.01
SL- 392	7S	4E	66	84-03-27	<.01	<.01	<.01	<.01
				ST. MARTIN PARISH--Continued				
SMN- 109	9S	7E	36	84-03-09	<.01	<.01	<.01	<.01
				ST. MARY PARISH--Continued				
SM- 57U	14S	8E	27	84-03-20	<.01	<.01	<.01	<.01
				VERMILION PARISH--Continued				
VE- 650	13S	4E	37	84-05-02	<.01	<.01	<.01	<.01

ORGANIC CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	R.	SEC.	STATION NUMBER	DATE OF SAMPLE	ACE-NAPHTH-ENE, TOTAL (UG/L)	ACE-NAPHTH-YLENE, TOTAL (UG/L)	ANTHRA-CENE, TOTAL (UG/L)	AROCLOR 1016 PCB, TOTAL (UG/L)	AROCLOR 1221 PCB, TOTAL (UG/L)	AROCLOR 1232 PCB, TOTAL (UG/L)
ACADIA PARISH											
AC- 452	10S	1W	34	300742092265901	84-02-14	<1	<1	<1	<0.1	<0.1	<0.1
ASCENSION PARISH											
AN- 332	8S	3E	29	301917090555301	84-04-30	<1	<1	<1	<.1	<.1	<.1
AN- 333	8S	3E	29	301914090555101	84-04-30	<1	<1	<1	<.1	<.1	<.1
BEAUREGARD PARISH											
BE- 378	7S	8W	19	302553093135002	84-02-14	<1	<1	<1	<.1	<.1	<.1
CALCASIEU PARISH											
CU- 771	10S	9W	5	301336093183002	84-03-07	<1	<1	<1	<.1	<.1	<.1
CAMERON PARISH											
CN- 92	12S	7W	12	300104093015601	84-04-26	<1	<1	<1	<.1	<.1	<.1
EVANGELINE PARISH											
EV- 749	4S	1W	8	304316092300701	84-03-22	<1	<1	<1	<.1	<.1	<.1
ST. LANDRY PARISH											
SL- 257	6S	4E	65	303215092022303	84-07-11	<1	<1	<1	<.1	<.1	<.1
SL- 258	6S	4E	65	303215092022304	84-07-11	<1	<1	<1	<.1	<.1	<.1
SL- 392	7S	4E	66	302455092032001	84-03-27	<1	<1	<1	<.1	<.1	<.1
ST. MARTIN PARISH											
SMN- 109	9S	7E	36	301304091424002	84-03-09	<1	<1	<1	<.1	<.1	<.1
ST. MARY PARISH											
SM- 57U	14S	8E	27	294749091402301	84-03-20	<1	<1	<1	<.1	<.1	<.1
VERMILION PARISH											
VE- 650	13S	4E	37	295341092055401	84-05-02	<1	<1	<1	<.1	<.1	<.1

< Actual value is known to be less than the value shown.

WELL NO.	LOCATION			DATE OF SAMPLE	AROCLOR 1242 PCB, TOTAL (UG/L)	AROCLOR 1248 PCB, TOTAL (UG/L)	AROCLOR 1254 PCB, TOTAL (UG/L)	AROCLOR 1260 PCB, TOTAL (UG/L)	BENZI-DINE, TOTAL (UG/L)	BENZO A ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	BENZO-A-PYRENE, TOTAL (UG/L)	BENZO B FLUOR-ANTHENE, TOTAL (UG/L)	BENZOGHI PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)
	T.	R.	SEC.										
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<0.1	<0.1	<0.1	<0.1	<1	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<.1	<.1	<.1	<.1	<1	<1	<1	<1	<1

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	BENZO K FLUORANTHEN, TOTAL (UG/L)	N-BUTYL BENZYL PHTHALATE, TOTAL (UG/L)	PARA-CHLORO-META CRESOL, TOTAL (UG/L)	CHRYSENE, TOTAL (UG/L)	DI-N-BUTYL PHTHALATE, TOTAL (UG/L)	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	1,2,5,6 -DIBENZ -ANTHRACENE, TOTAL (UG/L)	DIETHYL PHTHALATE, TOTAL (UG/L)	DIMETHYL PHTHALATE, TOTAL (UG/L)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<1	<1	<1	<1	4	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	<1	<1	<1	<1	4	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 570	14S	8E	27	84-03-20	<1	<1	<1	<1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1	<1	<1	<1	<1	<1

WELL NO.	LOCATION			DATE OF SAMPLE	4,6-DINITRO-ORTHO-CRESOL, TOTAL (UG/L)	FLUOR-ANTHENE, TOTAL (UG/L)	FLUOR-ENE, TOTAL (UG/L)	HEXA-CHLORO-BENZENE, TOTAL (UG/L)	HEXA-CHLORO-BUT-ADIENE, TOTAL (UG/L)	HEXA-CHLORO-CYCLO-PENT-ADIENE, TOTAL (UG/L)	HEXA-CHLORO-ETHANE, TOTAL (UG/L)	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	ISO-PHORONE, TOTAL (UG/L)
	T.	R.	SEC.										
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 570	14S	8E	27	84-03-20	<1	<1	<1	<1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1	<1	<1	<1	<1	<1

ORGANIC CHEMICAL ANALYSES FOR MONITOR WELLS, OCTOBER 1983 TO SEPTEMBER 1984

WELL NO.	LOCATION T.	LOCATION R.	LOCATION SEC.	DATE OF SAMPLE	N-NITRO-SODI-N-PROPYL-AMINE, TOTAL (UG/L)	N-NITRO-SODI-PHENY-LAMINE, TOTAL (UG/L)	NAPHTH-ALENE, TOTAL (UG/L)	NITRO-BENZENE, TOTAL (UG/L)	N-NITRO-SODI-METHY-LAMINE, TOTAL (UG/L)	PENTA-CHLORO-PHENOL, TOTAL (UG/L)	PHENAN-THRENE, TOTAL (UG/L)	PHENOL (C6H-5OH), TOTAL (UG/L)	PYRENE, TOTAL (UG/L)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	<1	<1	<1	<1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1	<1	<1	<1	<1	<1

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	1,2-DI-CHLORO-BENZENE, TOTAL (UG/L)	1,2,4-TRI-CHLORO-BENZENE, TOTAL (UG/L)	1,3-DI-CHLORO-BENZENE, TOTAL (UG/L)	1,4-DI-CHLORO-BENZENE, TOTAL (UG/L)	BIS (2-CHLORO-ETHOXY) METHANE, TOTAL (UG/L)	BIS 2-CHLORO-ETHYL ETHER, TOTAL (UG/L)	BIS (2-CHLORO-ISO-PROPYL) ETHER, TOTAL (UG/L)	2-CHLORO-NAPH-THALENE, TOTAL (UG/L)	2-CHLORO-PHENOL, TOTAL (UG/L)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	<1	<1	<1	<1	<1	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 57U	14S	8E	27	84-03-20	<1	<1	<1	<1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1	<1	<1	<1	<1	<1

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	BIS(2-ETHYL HEXYL) PHTHALATE, TOTAL (UG/L)	2-NITROPHENOL, TOTAL (UG/L)	2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN, TOTAL (UG/L)	2,4-DICHLOROPHENOL, TOTAL (UG/L)	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	2,4,-DINITROPHENOL, TOTAL (UG/L)	2,4-DINITROTOLUENE, TOTAL (UG/L)	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	2,6-DINITROTOLUENE, TOTAL (UG/L)
ACADIA PARISH--Continued													
AC- 452	10S	1W	34	84-02-14	5	<1	<1	<1	<1	<1	<1	<1	<1
ASCENSION PARISH--Continued													
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1	<1	<1	<1	<1	<1
BEAUREGARD PARISH--Continued													
BE- 378	7S	8W	19	84-02-14	5	<1	<1	<1	<1	<1	<1	<1	<1
CALCASIEU PARISH--Continued													
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1	<1	<1	<1	<1	<1
CAMERON PARISH--Continued													
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1	<1	<1	<1	<1	<1
EVANGELINE PARISH--Continued													
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. LANDRY PARISH--Continued													
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1	<1	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARTIN PARISH--Continued													
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1	<1	<1	<1	<1	<1
ST. MARY PARISH--Continued													
SM- 570	14S	8E	27	84-03-20	<1	<1	<1	<1	<1	<1	<1	<1	<1
VERMILION PARISH--Continued													
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1	<1	<1	<1	<1	<1

WELL NO.	LOCATION T.	R.	SEC.	DATE OF SAMPLE	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	4-NITROPHENOL, TOTAL (UG/L)
ACADIA PARISH--Continued								
AC- 452	10S	1W	34	84-02-14	<1	<1	<1	<1
ASCENSION PARISH--Continued								
AN- 332	8S	3E	29	84-04-30	<1	<1	<1	<1
AN- 333	8S	3E	29	84-04-30	<1	<1	<1	<1
BEAUREGARD PARISH--Continued								
BE- 378	7S	8W	19	84-02-14	<1	<1	<1	<1
CALCASIEU PARISH--Continued								
CU- 771	10S	9W	5	84-03-07	<1	<1	<1	<1
CAMERON PARISH--Continued								
CN- 92	12S	7W	12	84-04-26	<1	<1	<1	<1
EVANGELINE PARISH--Continued								
EV- 749	4S	1W	8	84-03-22	<1	<1	<1	<1
ST. LANDRY PARISH--Continued								
SL- 257	6S	4E	65	84-07-11	<1	<1	<1	<1
SL- 258	6S	4E	65	84-07-11	<1	<1	<1	<1
SL- 392	7S	4E	66	84-03-27	<1	<1	<1	<1
ST. MARTIN PARISH--Continued								
SMN- 109	9S	7E	36	84-03-09	<1	<1	<1	<1
ST. MARY PARISH--Continued								
SM- 57U	14S	8E	27	84-03-20	<1	<1	<1	<1
VERMILION PARISH--Continued								
VE- 650	13S	4E	37	84-05-02	<1	<1	<1	<1

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October 1, 1978

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons